



6.0 TEN YEAR IMPLEMENTATION PLAN (FY 2017 – FY 2026)

The Ten Year FY2017-FY2026 *MDT10Ahead* Implementation Plan Tables present the transit project items' cost and status as of December 2015, with page references to the *MDT10Ahead* 2014 Major Update page for detailed project descriptions. Tables 6-1 through 6-3 list DTPW's Funded, Partially Funded, and Unfunded Projects. Information highlighting changes in scope, timing, budget or completion versus the 2015 Annual Update is also provided in each table. Finally, Section 6-4, Moving Forward Together, presents DTPW's vision for eight corridors for potential application of premium transit service.

DTPW's strategy for this implementation plan is to improve existing Metrobus routes, implement new Metrobus routes, advance premium transit corridors identified throughout Miami-Dade County and discontinue unproductive routes. DTPW will continue to focus on improving on-time performance, providing a clean and attractive system for passenger use, improve customer convenience through the latest available technology and assess system expansion opportunities.

6.1 Funded Transit Projects

Table 6-1 presents a listing of various capital, operational, and infrastructure improvement projects that are funded and will be implemented within the *MDT10Ahead* planning horizon over the next ten years.

This page intentionally left blank

Table 6-1: Funded Transit Projects FY 2017 - FY 2026

Map ID #	Project Name	Location	Project Description Reference MDT10Ahead Major Update Page	Commission District	Project		Cost (in 000s)		Number of Buses†	Type of Change	Status		2040 LRTP Status
					Type§	Phase	Capital Cost	O&M (Annual)			2015 Annual Update Implementation Year*	2016 Annual Update Implementation Year*	
1	SR 836 Express Bus C Line	Dolphin Station to Downtown Miami Intermodal Terminal	C Line Express would provide premium express transit service along SR 836 from the proposed park-and-ride/transit center Dolphin Station (NW 12th Street and HEFT) to the proposed Downtown Miami Intermodal Terminal (NW 1st Street and NW 1st Avenue). This route will operate during peak periods only. Service headways will be 10 minutes during the AM/PM peak-hour.	6, 10, 11, 12	6	Operations	\$21,900	\$2,300	11A	New Express Bus Service	2017	2017	Priority I
2	SR 836 Express Bus A Line Express	SR 836 Express Bus A Line: Tamiami Station (US-41/SR 90/SW 8th Street and SW 147th Avenue) to the proposed Downtown Miami Intermodal Terminal (NW 1st Street and NW 1st Avenue)	A Line Express would provide premium express transit service along SR 836 from the proposed park-and-ride/transit center Tamiami Station (US-41/SR 90/SW 8th Street and SW 147th Avenue) to the proposed Downtown Miami Intermodal Terminal (NW 1st Street and NW 1st Avenue) via US-41/SR 90/SW 8th Street, SW 137th Avenue and SR 836. This route will operate during peak periods only. Service headways will be 10 minutes during the AM/PM peak-hour.	6, 10, 11, 12	6	Operations	\$25,600	\$2,700	11A	New Express Bus Service	2019	2019	Priority I
3	SR 836 Express Bus B Line Express	SR 836 Express Bus Route B: Panther Tech Station at FIU's MMC and the Miami Intermodal Center (MIC)	B Line Express would provide premium express transit service between the proposed Panther Tech Station at FIU's MMC and the Miami Intermodal Center (MIC), via US-41/SR 90/SW 8th Street, SR 821/HEFT and SR 836. This route will operate all day with 20 minute headways. (Page 8-22)	6, 10, 11, 12	6	Operations	Total cost included as part of Line A	\$1,900	Included as part of Line A	New Express Bus Service	2019	2019	Priority I
4	Dolphin Station	NW 12th St and NW 122nd Ave	Construct Park and Ride Facility/Transit Center	12	11	Capital	Cost included in SR 836 Express Bus Line C	TBD	0	Access Improvement	2017	2017	Priority I
5	Panther Station	Florida International University's (FIU) Modesto A. Maidique Campus – MMC	Transit Center will be built as part of SR 836 Express Bus B Line	12	9	Capital	Cost included in SR 836 Express Bus Line A	TBD	0	Station Improvements	2019	2019	N/A
6	Kendall P&R Facility	Kendall Dr and SW 127 Ave	Construct Park and Ride facility	10	11	Capital	\$1,865	\$40	0	Station Improvements	2017	2017	Priority I
7	Route 297 (NW 27 Ave Orange MAX) Bus Purchase	NW 211 Street to Miami Intermodal Center	No planned service improvements. Purchase 11 Articulated Buses to replace 9 Standard Buses.	1, 2, 3, 6	14	Operations	\$10,450	\$0	-9	Bus Purchase	2019	2019	Priority I
	NW 27 Ave EBS (North Corridor) ††	NW 27 Ave from MIC to NW 215 St	EBS along NW 27 Ave from MIC to NW 215 Street. Premium limited stop service with real-time signs, TSP and new robust stations	1, 2, 3, 6	14	Operations	\$26,550	TBD	11A	New Enhanced Bus Service	2019	No Planned Improvement	Priority I
8	Unity Station	NW 215th St and NW 27th Ave	Construct Park and Ride facility/Transit Center	1	11	Capital	\$21,563	TBD	0	Access Improvement	2019	2019	Priority I
9	Tamiami Station	SW 8th St and SW 147th Ave	Construct Park and Ride facility/Transit Center	12	11	Capital	Cost included in SR 836 Express Bus Line A	TBD	0	Access Improvement	2019	2019	Priority I
10	Golden Glades Intermodal Terminal Phase I	Golden Glades Interchange	Located in northern Miami-Dade County, adjacent to city of Miami Gardens, North Miami Beach, North Miami and the Golden Glades Community. The center will feature a multi-story parking garage with 920 spaces, a surface parking north lot with 223 spaces, and a surface parking south lot with 545 spaces, equaling to a total of 1,688 parking spaces. The complex will also feature 4,500 square feet (sqft) transit hub, 10,450 sqft retail space, 945 sqft break lounge for transit use. Project will also include improved bicycle and pedestrian amenities	1	9, 11	Capital (FDOT Project)	\$51,243	TBD	0	Station Improvements	2018	2018	Priority I
11	Route 93 (Biscayne MAX)	Biscayne Boulevard Corridor	No planned service improvements. Add 5 Articulated Buses to route.	2, 3, 4, 5	14	Operations	\$0	\$0	-10A 15A	Bus Purchase	2021	2021	Priority II
	* Biscayne EBS ††	Aventura to Downtown Miami	Premium limited-stop transit service along Biscayne Boulevard/US-1 from Downtown Miami to Aventura Mall	2, 3, 4, 5	14	Operations	\$21,000	\$3,900	15A	New Enhanced Bus Service	2021	No Planned Improvement	Priority II
12	Bus and Bus Facilities (Dadeland South Intermodal Station)	Various Sites	Provide federal allocation designated for bus and bus facility projects to include the bus garages, plumbing, roofing, fire suppression, and Dadeland South Intermodal station passenger amenities and signage.	Countywide	2	Capital	\$65,012	\$0	0	State of Good Repair	ongoing	ongoing	N/A
13	Dadeland North Metrorail - Elevators	8300 S Dixie Hwy	Construct additional elevators at Dadeland North Metrorail Station	7	4	Capital	\$5,350	\$0	0	Passenger Access	2019	2019	N/A
14	Busway Lot (Caribbean Station)	Busway and SW 200th St	Construct Park-and-Ride facility with 150 parking spaces	9	11	Capital (Private Developer)	\$0	TBD	0	Access Improvement	2020	2020	Privately Funded
15	Downtown Intermodal Terminal	112 NW 3rd Street	Construct new Downtown Bus Terminal with approximately 27 bus bays, customer service areas, passenger waiting areas with seating, TVMs, video displays, restrooms, a security office, support areas (driver comfort area), janitor/supply closet, bus supervisor booth, 8 parking spaces for transit staff, bicycle parking/station, kiss-and-ride area. The project also includes a conversion of NW 1st Street to bus drop-off area with 7 saw tooth bus bays, dedicated taxi and jitney areas, landscaping, lighting, and unified directional signage.	5	9	Capital (All Aboard Florida) and Downtown Miami Development of Regional Impact Increment III	\$10,796	TBD	0	Station Improvements	TBD	TBD	Privately Funded
16	Senator Villas	SW 40th St between SW 89th Ave and SW 89th Ct	Construct Park-and-Ride facility	10	9	Capital (Private Developer)	\$0	TBD	0	Access Improvement	TBD	TBD	Privately Funded
17	I-75 and Miami Gardens Drive Park-and-Ride Facility (American Dream North)	I-75 and Miami Gardens Drive Interchange	Construct new park-and-ride facility with 350 parking spaces to support new express bus service connection	12, 13	9	Capital(FDOT Project)	\$5,000	\$100	N/A	Station Improvements	2019	2018	Unfunded

Table 6-1: Funded Transit Projects FY 2017 - FY 2026

Map ID #	Project Name	Location	Project Description Reference MDT10Ahead Major Update Page	Commission District	Project		Cost (in 000s)		Number of Buses†	Type of Change	Status		2040 LRTP Status
					Type§	Phase	Capital Cost	O&M (Annual)			2015 Annual Update Implementation Year*	2016 Annual Update Implementation Year*	
Not mapped	Route 51 (Flagler) Bus Purchase ††	Downtown Miami to SW 137th Ave	Bus purchase for capacity improvements along Flagler Corridor	5, 6, 10, 11, 12	14	Operations	\$10,038	\$0	-10 10A	Bus Purchase	2021	2021	Priority I
Not mapped	Route 123 (South Beach Local)	South Beach	Route to be discontinued once the City of Miami Beach south trolley becomes operational	5	14	Operations	\$0	-\$2,700	-11 mini buses	N/A	N/A	2017	N/A
Not mapped	West End Circulator	South Beach	New circulator route to serve West Kendall area including Kendall Dr, Bird Rd, Miller Dr, Sunset Dr, Killian Pkwy, and SW 120 St. Operates weekdays only with all day service.	7, 10, 11	14	Operations	\$0	\$1,300	5 mini buses	New Circulator Route	N/A	2017	N/A
Not mapped	Urbanized Area Formula Grant FTA 5307 FL-90-X832	Countywide	Purchase equipment and materials as required for the safe operation of transit Metrorail, Metromover, and Metrobus	Countywide	3	Equipment Acquisition	\$109,948	\$0	N/A	State of Good Repair	ongoing	ongoing	N/A
Not mapped	Metrorail Stations Refurbishment	Metrorail	Refurbish and modernize specific areas as needed throughout the entire rail system	Countywide	8	Metrorail Projects	\$35,000	\$0	N/A	Station Improvements	N/A	2019	N/A
Not mapped	Metrorail and Metromover Train Control Replacement	Metrorail and Metromover	Replace existing relay based control equipment and modify software and hardware central control to accommodate new train control systems	Countywide	5	Infrastructure Improvements	\$70,000	\$0	N/A	State of Good Repair	N/A	2020	N/A
Not mapped	Metrorail Traction Power Switchgear Equipment	Metrorail	Various Sites	Countywide	8	Metrorail Projects	\$2,000	\$0	N/A	State of Good Repair	N/A	2017	N/A
Not mapped	Underfloor Rail Wheel Truing Machine	William Lehman Facility	Purchase and install a new underfloor rail wheel truing machine at the William Lehman Facility	12	8	Metrorail Projects	\$7,000	\$0	N/A	State of Good Repair	N/A	2018	N/A
Not mapped	Escalators Replacement and Elevators Refurbishment	Various Sites	Replace approximately 80 escalators and 92 elevators systemwide to include Metrorail and Metromover stations at various transit facilities	Countywide	5	Infrastructure Improvements	\$33,500	TBD	N/A	State of Good Repair	N/A	ongoing	N/A
Not mapped	AC Unit Substations	Various Sites	Replace all major power components in all AC unit substations to include SCADA communication equipment and associated sub sets; implementation to interface with Central Control	Countywide	5	Infrastructure Improvements	\$15,000	TBD	N/A	State of Good Repair	N/A	2021	N/A
Not mapped	Track and Guideway 10-15 Year Heavy Equipment Replacement	Metrorail	Replace track and guideway heavy equipment and work trains; useful life 10-15 years	Countywide	8	Metrorail Projects	\$8,268	\$0	N/A	State of Good Repair	N/A	2021	N/A
Not mapped	Metrorail Switch Machine Improvement	Metrorail	Replace switch machines and cables at the William Lehman Yard and Mainline Area	Countywide	8	Metrorail Projects	\$12,320	TBD	N/A	State of Good Repair	N/A	ongoing	N/A
Not Mapped	Traction Power Gap Ties	Metrorail	Replace major power components at gap ties in three (3) locations throughout the Metrorail system.	Countywide	8	Metrorail Projects	\$5,680	\$0	N/A	State of Good Repair	N/A	2021	N/A
Not Mapped	Metromover Track and Guideway Improvement	Metromover	Repaint approximately 4.5 miles of existing rusted steel girders of the Metromover in various stations	Countywide	7	Metromover Projects	\$20,010	TBD	N/A	State of Good Repair	N/A	2021	N/A
Not Mapped	Capitalization of Preventive Maintenance and Other Costs	Various Sites	Capitalize preventive maintenance and other costs for Metrobus, Metrorail, Metromover, and specialized transportation	Countywide	5	Infrastructure Improvements	\$383,084	N/A	N/A	State of Good Repair	ongoing	ongoing	N/A
Not mapped	Metrorail Maintenance Vehicle Lifts	Metrorail	Purchase lift equipment for Metrorail maintenance at the Lehman Center to replace existing deteriorating lift	2, 3, 5, 7, 12, 13	8	Capital	\$5,400	TBD	N/A	State of Good Repair	2015	2015	N/A
Not mapped	Route 115 (Mid-Beach Local)	88 Street to Lincoln Road	Route to be shortened and consolidated with Route 117 to complement new City of Miami Beach Trolley Service	4, 5	14	Operations	\$0	-\$425	-2	Route Consolidation	2016	2017	N/A
Not mapped	Route 117 (North Beach Local)	88 Street to Lincoln Road	Route to be shortened and consolidated with Route 115 to complement new City of Miami Beach Trolley Service	4, 5	14	Operations	\$0	-\$425	-2	Route Consolidation	2016	2017	N/A
Not mapped	195 BC	Broward Blvd to Civic Center	Replace 4 standard size buses with 4 new articulated buses	Countywide	6	Operations	\$4,000	\$0	4A -4	Bus Purchase	2017	2017	N/A
Not mapped	195 SC	Sheridan Street to Civic Center	Replace 3 standard size buses with 3 new articulated buses	Countywide	6	Operations	\$3,000	\$0	3A -3	Bus Purchase	2017	2017	N/A
Not mapped	Track and Guideway Rehabilitation	Countywide	Rehabilitate existing track and guideway equipment and fixtures; replacement of safety items for rail to include coverboard, fasteners, insulated joints, metal acoustical barriers, and drains; replace 10-15 year rail bound service equipment	2, 3, 5, 7, 12, 13	8	Capital	\$59,910	\$0	0	State of Good Repair	2017	2021	N/A
Not mapped	Route 120 (Beach MAX)	Downtown Miami to Aventura Mall	Improve peak headways from 12 to 10 minutes	3, 4, 5	14	Operations	\$2,600	\$2,300	4	Headway Improvement	2017	No Planned Improvement	N/A
Not mapped	High-Cycle Switch Logic Control Cabinets	SW 1 St and SW 1 Ave	Replace the high-cycle Switch Logic Control Cabinets for Metromover	3, 5	7	Capital	\$14,320	\$0	0	State of Good Repair	2018	2017	N/A
Not mapped	Rail Vehicle Replacement	Countywide	Overhaul and modernize existing standard size and purchase 136 new heavy rail buses	2, 3, 5, 7, 12, 13	8	Capital	\$375,787	\$0	0	State of Good Repair	2018	2019	N/A
Not mapped	Route 27	Sun Life Stadium to Coconut Grove Metrorail	Extend route to new Transit Center located at NW 27 Avenue and NW 215 Street (Unity Station)	1, 2, 3, 5, 7	14	Operations	\$0	\$0	0	Route Extension	2019	2019	N/A
Not mapped	Metromover Improvements	Metromover	Replace various Mover system controls to include the Input Output, Data Transmission (Central Control and Wayside Interface High Speed System), the Platform LCD Sign Control Unit, and the Train Control System	3, 5	7	Capital	\$31,596	\$0	0	State of Good Repair	2019	2019	N/A
Not mapped	Metrorail and Metromover Traction Power Cable and Transformer Replacement	Countywide	Replace traction power cable and transformer for Metrorail and Metromover	Countywide	10	Capital	\$12,000	\$0	0	State of Good Repair	2019	2020	N/A
Not mapped	Bus Replacement	Countywide	Replace buses to maintain the bus standard size replacement plan	Countywide	3	Capital	\$421,658	\$0	0	Bus Purchase	ongoing	ongoing	N/A
Not mapped	Infrastructure Renewal Plan	Various Sites	Replace and upgrade physical assets according to normal replacement cycles to include buses, facilities, systems, and equipment overhauls and acquisitions	Countywide	5	Capital	\$87,500	\$0	0	State of Good Repair	ongoing	ongoing	N/A

Table 6-1: Funded Transit Projects FY 2017 - FY 2026

Map ID #	Project Name	Location	Project Description Reference MDT10Ahead Major Update Page	Commission District	Project		Cost (in 000s)		Number of Buses†	Type of Change	Status		2040 LRTP Status
					Type§	Phase	Capital Cost	O&M (Annual)			2015 Annual Update Implementation Year*	2016 Annual Update Implementation Year*	
Not mapped	Associated Transportation Improvements	Countywide	Replace signage at Metrorail Systems; install bicycle-related amenities on buses and at locations such as Metrorail and Metromover stations; provide for other federally qualified passenger amenities or enhancements	2, 3, 5, 7, 12, 13	4	Capital	\$3,556	\$0	0	State of Good Repair	ongoing	ongoing	N/A
Not mapped	Transportation Security Projects	Various Sites	Install security and safety improvements such as security surveillance, safety rails, security locks and lighting improvements throughout Miami-Dade County at all MDT facilities	Countywide	13	Capital	\$3,556	\$0	0	Safety Improvements	ongoing	ongoing	N/A
Not mapped	Route 3	Aventura to Downtown Miami	No planned service improvements. Replace 5 articulated buses with 5 standard size buses	2, 3, 4, 5	14	Operations	\$0	\$0	5 -5A	Bus Reallocation	2021	2021	N/A

Projects in purple are in the current DTPW Capital Budget; projects in black were committed from previous budgets.

§ Project Type Key	
1. ADA Accessibility Improvements	8. Metrorail Projects
2. Bus System Projects	9. New Passenger Facilities
3. Equipment Acquisition	10. Other
4. Facility Improvements	11. Park and Ride Improvements and New Facilities
5. Infrastructure Improvements	12. Passenger Facilities Improvements
6. Mass Transit Projects	13. Security Improvements
7. Metromover Projects	14. Service Adjustment

TOTALCOST (000s)	\$2,003,060	\$10,990
---------------------	-------------	----------

Bus Totals:
- 21 Traditional Buses
+ 65 Articulated Buses
-6 Mini Busses
† 'A' denotes articulated bus

* Projects in green have been advanced from their original start date or are new; projects in red have been deferred, or cancelled

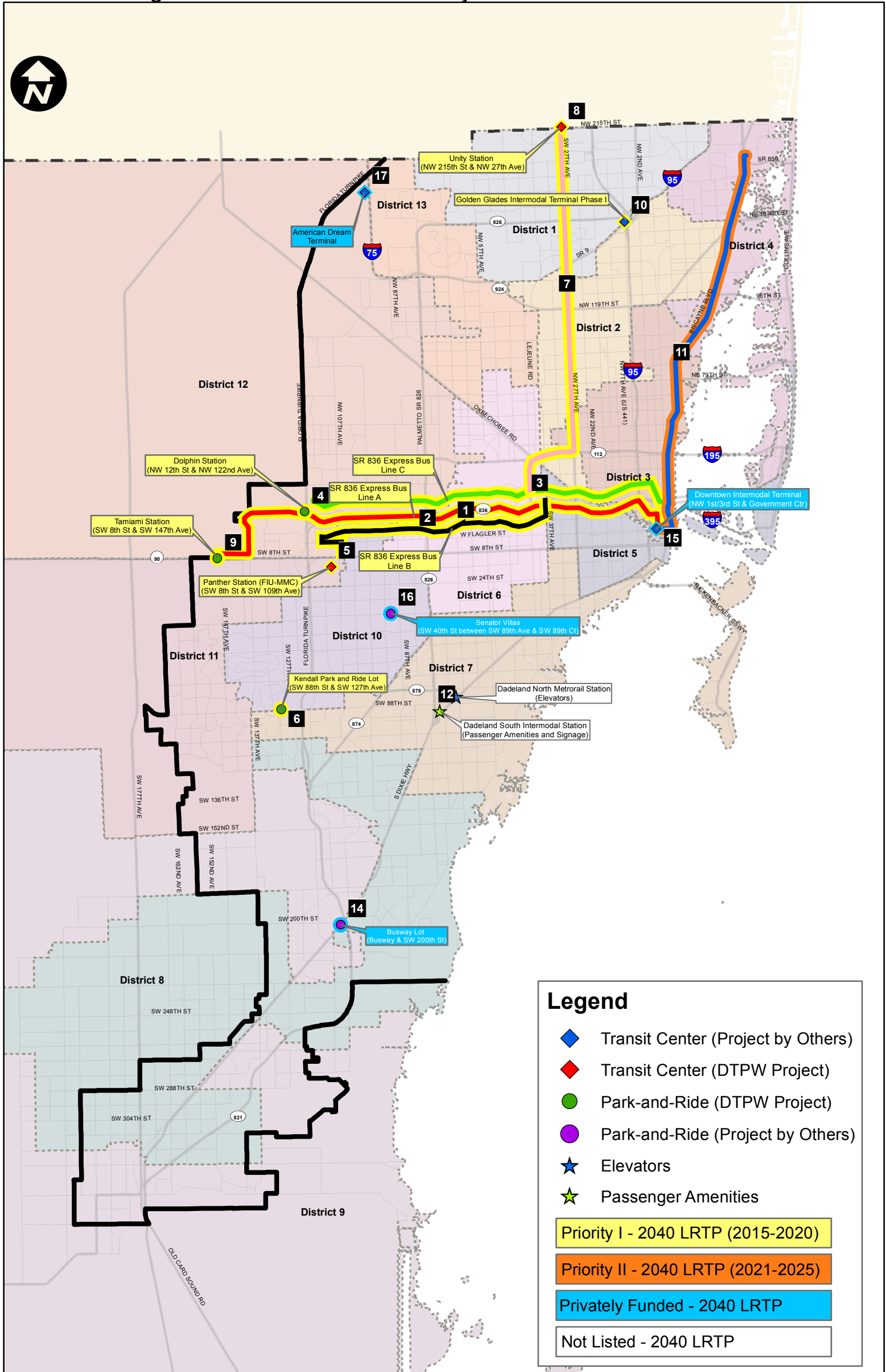
†† Please note, as per Miami-Dade MPO Resolution Number 31-15, the MPO Board amended the FY 2016 Transportation Improvement Program (TIP) to delete selected Enhanced Bus Service Projects and reallocate said funds to three new projects as follows: "Implementation of Bus Rapid Transit along NW 27th Avenue, Flagler Street, and Kendall Drive Transit Corridors." However, bus purchase components of the Biscayne, Flagler and NW 27th Avenue EBS projects remain funded and are proceeding in order to provide near-term capacity improvements along these corridors.

* Per Miami-Dade MPO Resolution Number 01-15, the MPO Board prioritized this corridor to be evaluated in a Project Development and Environmental (PD&E) Study for the implementation of premium transit. Information in this table is current as of December 31, 2015.

2040 LRTP	
Priority I	2015-2020
Priority II	2021-2025
Priority III	2026-2030
Priority IV	2031-2040

This page intentionally left blank

Figure 6-1: Funded Transit Projects FY 2017 - FY 2026



This page intentionally left blank

6.2 Partially Funded Transit Projects

Table 6-2 presents a listing of partially funded transit projects. DTPW will continue to seek various funding opportunities for these projects in the future as funding becomes available.

This page intentionally left blank

Table 6-2: Partially Funded Transit Projects FY 2017 - FY 2026

Map ID #	Project Name	Location	Project Description Reference MDT10Ahead Major Update Page	Commission District	Project		Cost (in 000s)			Number of Buses†	Type of Change	Status		2040 LRTP Status
					Type§	Phase	Total Capital Cost	Funded Capital Cost	O&M (Annual)			2015 Annual Update Implementation Year*	2016 Annual Update Implementation Year*	
1	Palmetto Intermodal Terminal	SR 826 (Palmetto Expressway) at NW 74th Street	DTPW recommends that the FDOT SR 826/Palmetto Expressway Express Lanes PD&E Study address the feasibility of acquiring an 11.88-acre semi-vacant parcel of land located immediately south of the Palmetto Metrorail Station for the purpose of constructing the Palmetto Station Intermodal Terminal that will include but not be limited to: a minimum of 1,000 parking space garage which includes long-term parking, short-term parking, kiss-and-ride, pool-and-ride and a minimum of 12 bus bays. (Page 8-34)	12	11	Capital	\$25,000	\$10,040	TBD	N/A	Station Improvements	TBD	TBD	Priority III
2	SR 90/SW 7th St/SW 8th St	SW 27th Ave to Brickell Ave	Operational and capacity improvements PD&E study for bus only lanes fully funded; scheduled for Spring 2018 completion. Total cost TBD upon completion of PD&E.	5	10	Other	TBD	\$2,040	TBD	N/A	Roadway Redesign	TBD	TBD	Priority I
3	* Flagler EBS ††	FIU to Downtown Miami	EBS will provide limited stop transit service along Flagler Street from Downtown Miami to FIU's Panther Station.	5, 6, 10, 11, 12	6	Mass Transit Projects	\$25,962	\$12,962	\$3,600	0	New Enhanced Bus Service	2021	No Planned Improvement	Priority I
4	Busway Lot (Quail Roost Dr) Park and Ride	Busway and SW 184th St	Construct Park and Ride facility. Land acquisition complete; DTPW is currently seeking additional funds.	8	11	Capital	\$5,377	TBD	TBD	0	Access Improvement	2018	2018	Partially Funded
5	* NW 27th Avenue Bus Rapid Transit (BRT) (North Corridor) ††	MIC to NW 215th Street	This project will provide dedicated "bus only" lanes along the NW/SW 27th Avenue corridor from the MIC to NW 215th Street.	2,3,5,7	6	Capital	\$150,000	\$3,485	TBD	TBD	New Bus Rapid Transit Service	2026 and Beyond	2027 and Beyond	Partially Funded
6	* Kendall Corridor (Kendall BRT) ††	West Kendall Transit Terminal to Dadeland North Metrorail Station	Implement full bus rapid transit with dedicated lanes along SW 88th Street (Kendall Drive)	7,10,11	6	Capital	\$286,000	\$3,485	TBD	TBD	New Bus Rapid Transit Service	2026 and Beyond	2027 and Beyond	Unfunded
Not Mapped	IRP - Bus Replacement Plan	Countywide	Capital purchase to replace older existing vehicles and add vehicles to the fleet to improve service and reliability.	Countywide	3	Equipment Acquisition	\$331,910	\$180,000	TBD	557	State of Good Repair	N/A	N/A	N/A
							TOTAL COST (000S)	\$824,249	\$212,012	\$3,600				

Projects in purple are in the current DTPW Capital Budget; projects in black were committed from previous budgets.

§ Project Type Key	
1. ADA Accessibility Improvements	8. Metrorail Projects
2. Bus System Projects	9. New Passenger Facilities
3. Equipment Acquisition	10. Other
4. Facility Improvements	11. Park and Ride Improvements and New Facilities
5. Infrastructure Improvements	12. Passenger Facilities Improvements
6. Mass Transit Projects	13. Security Improvements
7. Metromover Projects	14. Service Adjustment

†† Please note, as per Miami-Dade MPO Resolution Number 31-15, the MPO Board amended the FY 2016 Transportation Improvement Program (TIP) to delete selected Enhanced Bus Service Projects and reallocate said funds to three new projects as follows: "Implementation of Bus Rapid Transit along NW 27th Avenue, Flagler Street, and Kendall Drive Transit Corridors." However, bus purchase components of the Biscayne, Flagler and NW 27th Avenue EBS projects remain funded and are proceeding in order to provide near-term capacity improvements along these corridors.

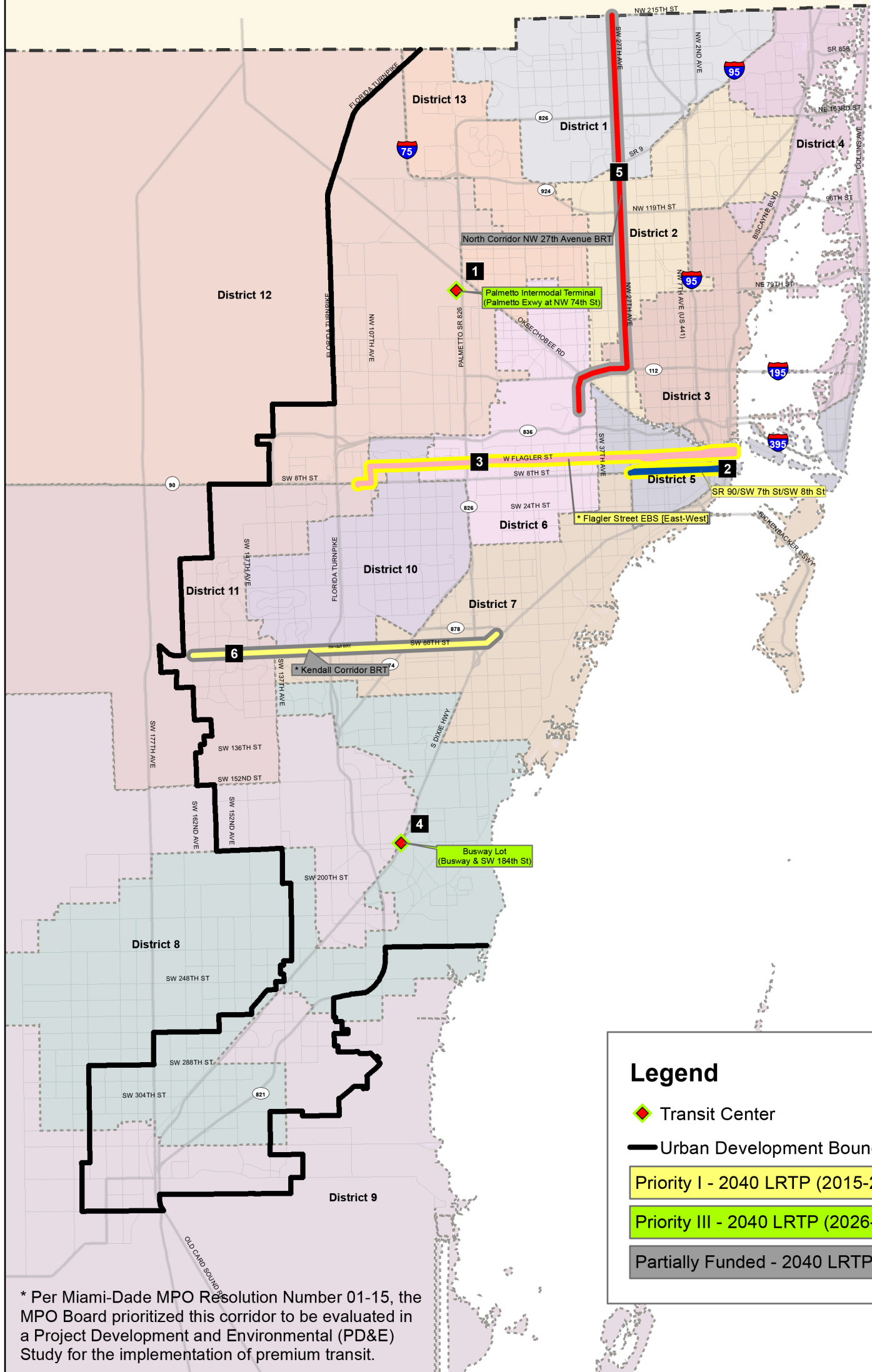
* Per Miami-Dade MPO Resolution Number 01-15, the MPO Board prioritized this corridor to be evaluated in a Project Development and Environmental (PD&E) Study for the implementation of premium transit. Information in this table is current as of December 31, 2015.

Bus Totals:
+557 Buses
† 'A' denotes articulated bus

* Projects in green have been advanced from their original start date or are new; projects in red have been deferred, or cancelled

2040 LRTP	
Priority I	2015-2020
Priority II	2021-2025
Priority III	2026-2030
Priority IV	2031-2040

This page intentionally left blank



This page intentionally left blank

6.3 Unfunded Transit Projects

Table 6-3 presents a listing of unfunded transit projects. Please note that while the TDP Annual Update was being prepared DTPW had not finalized the IRP evaluation and prioritization process results for FY 2016 – 2017. Once these results are final the following table will be updated. DTPW will continue to pursue funding for these projects in the future.

This page intentionally left blank

Table 6-3: Unfunded Transit Projects FY 2017 - FY 2026

Map ID #	Project Name	Location	Project Description Reference MDT10Ahead Major Update Page	Commission District	Project		Cost (in 000s)		Number of Buses	Type of Change	Status		2040 LRTP Status
					Type [§]	Phase	Capital Cost	O&M (Annual)			2015 Annual Update Implementation Year*	2016 Annual Update Implementation Year*	
1	79 Street Enhanced Bus Service (FKA Route 79/79 Street MAX)	Northside Metrorail to Collins Ave via NW 79 St	Extend route to Miami Beach Convention Center. Improve peak headways from 24 to 10 minutes. Introduce weekend service with 15 minute headways. Route to be converted to Enhanced Bus Service	2,3,4	14	Operations	\$55,047	\$5,800	9	Route Extension & Improved Headway	2025	2025	Priority II
	Route 79 (79 Street Max)	Northside Metrorail to Collins Ave via NW 79 St	Route to be transformed to the 79 Street Enhanced Bus Service	2,3,4	14	Operations	\$0	-\$563	-4	Route Rebrand	2025	2025	Priority II
2	Busway Lot	Busway and SW 104th St	Lease Park and Ride facility with 250 parking spaces	7	9	Capital	\$0	\$116	0	Access Improvement	2025	2025	Priority II
3	Busway Lot	Busway and SW 152nd St	Expand Park and Ride facility with new parking garage with 500 spaces	8	11	Capital	\$16,250	\$170	0	Access Improvement	2025	2025	Priority II
4	* Route 288 (Kendall Cruiser) ††	W. Kendall Terminal to Dadeland North Metrorail	Route to be transformed to Kendall Enhanced Bus	7,10,11	14	Operations	\$0	\$0	-9A	Route Rebrand	2023	No Planned Improvement	Priority II
	* Kendall EBS††	Kendall Dr between SW 162 Ave and Dadeland North Station	Phase 2 service improvements will consist of robust stations, queue jump lanes and bypass lanes, transit signal priority and real-time arrival information at stations.	7,10,11	6	Mass Transit Projects	\$30,000	\$0	9A	New Enhanced Bus Service	2023	No Planned Improvement	Priority II
5	Dadeland South Intermodal Station	Dadeland South Metrorail Station	Expand park-and-ride facility with 1,000 parking space garage	7	9	Capital	\$25,000	\$250	0	Station Improvements	2025	2025	Priority II
6	Direct Ramps to Dolphin Station Transit Terminal	SR 821 HEFT Express Lanes to Dolphin Station	Construct direct access ramps to connect the SR 821 HEFT Express Lanes to Dolphin Station	12	5	Capital	\$45,000	N/A	N/A	Direct Access Ramps	TBD	TBD	Priority II
7	Beach Connection Express	Downtown	Transit improvement linking Downtown Miami to the Miami Beach Convention Center. This project is proposed as a phased improvement; starting with Express Bus, and eventually upgrading to Light Rail.	3,4,5	6	Mass Transit Projects	\$40,000	\$1,000	12	Access Improvement	TBD	TBD	N/A
8	Sole Mia (fka Biscayne Landings Transit Center) (NE 151st St Park-and-Ride)	NE 151 Street and Biscayne Blvd	Construct Park and Ride and Transit Center in anticipation of premium transit service on Biscayne corridor. Six bus bays and 2 layover bays.	2,4	11	Park and Ride Improvements and New Facilities	\$0	TBD	0	Access Improvement	2025	2025	Unfunded
9	Douglas Corridor EBS ††	NW/SW 37th Ave	Enhanced bus service from the Douglas Road Metrorail Station to the MIC. This is a phased project that proposes EBS, Light Rail, and eventually Metrorail, with dates TBD for the final two phases.	5,6,7	6	Mass Transit Projects	\$15,000	\$5,000	6	Station Improvements	2025	2025	Priority II
10	NW 122nd Ave	NW 12th St to NW 41st St	Construction of new two-lane road	12	10	Capital	\$11,640	\$0	N/A	Bus Purchase	TBD	TBD	Priority II
Not Mapped	Waterborne Transit Service	Biscayne Bay	This project will introduce Miami-Dade County to waterborne transportation. It will consist of the implementation of two water-transit routes: (1) North/South Route: express route from Haulover Marina (North) to Sea Isle Marina (south) Downtown Miami (South); (2) East/West Route: express route from Miami Beach Marina (East) to FEC Inlet/Bay Front Park Trust Dock (West). The project seeks to improve mobility, increase accessibility and promote new ridership by providing an alternative mode of transport that is not limited by roadway traffic conditions (excessive congestion/ poor levels of service); thus, increasing the reliability of the transit service and the quality of life of the County's residents and visitors alike.	3,4,5	6	Mass Transit Projects	\$10,000	\$6,000	9 (Vessels)	New Enhanced Bus Service	N/A	2017	N/A
Not Mapped	Route 54	NW Miami Dade	Extend route to serve future American Dream Miami (Mega Mall) & Graham Site	12,13	14	Operations	\$450	\$535	1	State of Good Repair	N/A	2019	N/A
Not Mapped	Route 73	NW Miami Dade	Extend route to serve future American Dream Miami (Mega Mall) & Graham Site	12,13	14	Operations	\$900	\$714	2	Route Extension	N/A	2019	N/A
Not Mapped	Route 95	NW Miami Dade	Extend route to serve future American Dream Miami (Mega Mall) & Graham Site	12,13	14	Operations	\$450	\$214	1	Route Extension	N/A	2019	N/A
Not Mapped	Route 99	NW Miami Dade	Extend route to serve future American Dream Miami (Mega Mall) & Graham Site	12,13	14	Operations	\$450	\$832	1	Route Extension	N/A	2019	N/A
Not Mapped	Route 183	NW Miami Dade	Extend route to serve future American Dream Miami (Mega Mall) & Graham Site	12,13	14	Operations	\$1,350	\$858	3	Route Extension	N/A	2019	N/A
Not Mapped	Route L (112)	Northside Shopping Center to South Beach	Improve peak headway from 12 to 10 minutes on weekdays from 6am to 8pm for the portion of the route between Northside Shopping Center to South Beach. Headways for the entire length of the route will be improved from 24 to 20 minutes.	2,3,4	14	Operations	\$0	\$1,200	3	Improve Headway	2017	No Planned Improvement	N/A
		Hialeah Metrorail to Miami Beach Convention Center	Replace existing 17 standard size buses with 21 articulated buses (includes 4 spares)	2,3,4	14	Service Adjustment	\$19,950	\$0	-17 21A	Bus Purchase	N/A	2020	
Not Mapped	Route 33	NW 106 St & S River Dr to Miami Shores Village	Extend route to Flagler Station Development of Regional Impact (DRI)	2,3,12,13	14	Operations	\$650	\$300	1	Route Extension	2019	2019	N/A
Not Mapped	Route 87	Palmetto Metrorail to Dadeland North Metrorail	Extend route to Flagler Station Development of Regional Impact (DRI)	6,7,10,12	14	Operations	\$650	\$400	1	Route Extension	2019	2019	N/A
Not Mapped	Route 1	South Miami-Dade County	Extend route to Dadeland South Metrorail Station during weekday peak periods	8,9	14	Operations	\$0	\$880	3	Route Extension	2020	2020	N/A
Not Mapped	Route 12	Northside Metrorail Station to Mercy Hospital	Improve peak headway from 30 to 15 minutes and from 40 to 20 minutes on weekends	2,3,5,7	14	Operations	\$3,900	\$5,200	6	Improve Headway	2020	2020	N/A
Not Mapped	Route 10	Miami Gardens Dr to Downtown Miami	Extend route to Aventura Mall	2,3,4	14	Operations	\$650	\$1,400	1	Route Extension	2021	2021	N/A

Table 6-3: Unfunded Transit Projects FY 2017 - FY 2026

Map ID #	Project Name	Location	Project Description Reference MDT10Ahead Major Update Page	Commission District	Project		Cost (in 000s)		Number of Buses	Type of Change	Status		2040 LRTP Status
					Type [§]	Phase	Capital Cost	O&M (Annual)			2015 Annual Update Implementation Year*	2016 Annual Update Implementation Year*	
Not Mapped	Route 252 (Coral Reef MAX)	Country Walk to Dadeland South Metrorail	Operate later evening service into the Zoo Miami Entertainment Complex	7,8,9,11	14	Operations	\$0	\$80	0	Increase Service Span	2022	No Planned Improvement	N/A
Not Mapped	South Miami-Dade Busway Service Improvement (Route 34)	Dadeland South Metrorail Station to Florida City	Improve weekday peak headway of Route 34 from 7.5 to 5 minutes	7,8,9	14	Operations	\$9,800	\$1,130	11	Improve Headway and On-Time Performance	N/A	2022	N/A
Not Mapped	South Miami-Dade Busway Service Improvement (Route 38)	Dadeland South Metrorail Station to Florida City - Walmart	Improve weekday peak headway of Route 38 from 10 to 7.5 minutes	7, 8, 9	14	Operations	\$9,800	\$1,130	11	Improve Headway and On-Time Performance	N/A	2023	N/A
Not Mapped	Parking Garage Overhaul, Metrorail Stations	Metrorail	Perform a general overhaul at 6 parking garages from the original 1984 Metrorail construction: Okeechobee, Earlington Heights, Santa Clara, South Miami, Dadeland North, and Dadeland South. Perform a general overhaul at the MLK rail station parking garage. Scope of work includes: metal doors, lighting, parking stops, irrigation, drainage, sump pumps, and plumbing.	2,3,5,7,12,13	8	Metrorail Projects	\$5,590	TBD	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	Conduit Rebuild Grounding	Metrorail	The grounding system will be tested and repaired for the entire Metrorail guideway structure. Testing of the track system will be performed to ensure it is not grounded and meets present FTA standards. This will be performed by an outside testing service. Repairs and re-testing will also be accomplished using an outside contracting service.	2,3,5,7,12,13	8	Metrorail Projects	\$80	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	Ac Unit Substations	Metrorail	Replace all major power components in all AC Unit substations. Project will include SCADA communication equipment and all associated sub sets, as well as implementation to interface with Central Control.	2,3,5,7,12,13	8	Metrorail Projects	\$17,590	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	Metromover Brickell Extension Guideway Painting	Metromover	Provide all the necessary labor, equipment, and materials to repaint all the existing steel girders supporting the guideway of Metromover's Brickell Extension. The scope of work will include surface preparation (removal of all loose coating material, water soluble salts and rust), furnishing and applying the selected coating system and subsequent testing thereof.	2,3,5,7,12,13	6	Mass Transit Projects	\$5,000	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Bus Maintenance Component Replacement Plan	Countywide	Replacement of major components that have reached the end of their expected useful life cycle to improve vehicle reliability and availability.	Countywide	3	Equipment Acquisition	\$34,440	\$0	N/A	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Switch Machine Cable - Yard	Metrorail	Replace the switch machine in the entire Yard area.	2,3,5,7,12,18	8	Metrorail Projects	\$4,340	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - AC Unit Substations - Palmetto Yard	Metrorail	Replace all major power components in the AC unit substations at Palmetto Yard.	2,3,5,7,12,19	8	Metrorail Projects	\$8,590	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Switch Machine Cable- Mainline	Metrorail	Replace all the switch machine on the entire mainline.	2,3,5,7,12,20	8	Metrorail Projects	\$5,040	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Replace Switch Machines - Yard	Metrorail	Replace all track switch machines (YM-2) at Palmetto Yard.	2,3,5,7,12,21	8	Metrorail Projects	\$2,940	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Fastener Replacement Station Areas	Metrorail	Replace rail fasteners at the Metrorail stations.	2,3,5,7,12,22	8	Metrorail Projects	\$4,180	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Metromover Wayside Overhaul	Metromover	This project includes the overhaul and repair of all major wayside components.	3,5	7	Metromover Projects	\$72,344	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Transit System Signage Replacement	Metrorail	New sign structures and graphics to replace damaged, unsightly and outdated signs throughout the Miami-Dade Transit system. The project includes the addition of new signage to identify areas and/or inform customers of new services and procedures such as paying for parking instruction at Metrorail garages and surface parking lots. Also includes the replacement of missing Braille signage at passenger stations' elevators and entrances as required by the American with Disabilities Act (ADA).	Countywide	10	Passenger Facilities	\$200	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Electronic Document Management System (EDMS)	Countywide	This project is used to provide continuous and infrastructure support to track and store electronic documents and for images of paper documents. It identifies and manages document location, filing, retrieval, security, and disaster recovery, retentions, archiving, workflow and authentication. This project provides continuous hardware and software upgrades that increase efficiency and facilitates a controlled environment for document sharing and availability.	Countywide	5	Information Technology	\$126	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Bus Maintenance Yard Sweepers Replacement Project	Countywide	Acquisition of four (4) replacement yard sweepers. Existing equipment is in disrepair, has exceeded its useful life, and/or is no longer cost effective to maintain.	Countywide	5	Rolling Stock	\$200	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Currency Counters @ Govt Center Station - Money Room	Countywide	Purchase and install 4 new high-speed jet sorter coin currency counters with software and 7 validating currency counters for the Money Room at Government Center station. This equipment was last replaced in 2002. At the end of the six year replacement period, the capability and reliability to handle extremely high volume daily coin / currency processing has greatly diminished. The repair and maintenance cost and down time will outweigh the price of new equipment.	Countywide	5	Maintenance Facilities	\$230	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Lehman Facility - Fire Systems	Countywide	Replace the fire system including sprinkler heads, flow switches, hoses, extinguishers, halon, pumps and other accessories including the replacement of the 8" fire pump line throughout the facility.	Countywide	5	Safety & Security	\$2,500	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Emergency Plumbing Fixtures	Countywide	Replacement of Emergency Plumbing Fixtures (emergency showers, eye washers) at Metrorail Maintenance, TPSS, Metromover Maintenance & Metrobus facilities.	Countywide	5	Safety & Security	\$370	\$0	0	State of Good Repair	N/A	TBD	N/A

Table 6-3: Unfunded Transit Projects FY 2017 - FY 2026

Map ID #	Project Name	Location	Project Description Reference MDT10Ahead Major Update Page	Commission District	Project		Cost (in 000s)		Number of Buses	Type of Change	Status		2040 LRTP Status
					Type [§]	Phase	Capital Cost	O&M (Annual)			2015 Annual Update Implementation Year*	2016 Annual Update Implementation Year*	
Not Mapped	IRP - Bus Garages: Northeast Rollup Doors	Countywide	Replace the garage's 32 rollup doors.	Countywide	5	Maintenance Facilities	\$450	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Bus Garages: Bus Washers and Cyclones	Countywide	Overhaul all existing Bus Washers at Northeast (2-lanes), Central (3-lanes) & Coral Way (2-lanes). Replacement of existing vacuum system (Cyclone) at all three facilities.	Countywide	5	Maintenance Facilities	\$800	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Bus Maintenance DEF Dispensing System	Countywide	Installation of Diesel Exhaust Fluid (DEF) dispensing system at Central, Coral Way and Northeast Divisions. Each Fuel Station will require a 500 gallon capacity above ground double walled steel tank, dispensing equipment and interface with the EJ Ward fuel management system.	Countywide	5	Maintenance Facilities	\$300	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Metrorail & Metromover Train Wash	Countywide	Repair or replace the Metrorail and Metromover train washing system.	Countywide	5	Passenger Amenities	\$300	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Chiller Unit Replacement	Countywide	The Computer and electronic communications equipment to MDT functions must be maintained in an air-conditioned environment to maintain system reliability. Replacement Chiller Units at Central Bus.	Countywide	5	Maintenance Facilities	\$1,110	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Train Control DC Power Source	Countywide	Replace all existing Train Control DC power supplies at all rail stations, Central Control and Palmetto Yard.	Countywide	5	Systems	\$450	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Metromover Station Ceiling Signage Cabinet Replacement	Countywide	Replace the broken and outdated sign cabinets and/or acrylic faces at some Metrorail stations. Most of these ceiling signs are 25 years old and have old information, the acrylic panels are missing, or some cabinets need to be refurbished or replace due to fatigue. Also with the new opening of the Miami International Airport Metrorail station, a new signage brand will be introduced to identify all transit service options. The Metromover signage system must reflect the new brand to ensure seamless transition from one system to the other.	Countywide	5	Passenger Amenities	\$1,620	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Metrorail Parking Fare Payment Signage	Countywide	Installation of vinyl skins to resurface approx 600 existing aluminum signs posted at Metrorail Stations with parking facilities. The new skins are printed with the approved County branding and the new instructions on how to pay the daily parking fare. The cost includes the installation at 15 stations.	Countywide	5	Passenger Amenities	\$120	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Metrorail & Metromover Regulatory Signage Replacement	Countywide	Design, produce and install new permanent signs to replace a portion of the damaged, outdated or missing. This project includes signage and high performance decals installed inside and outside cars.	Countywide	5	Passenger Amenities	\$300	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Metrorail Station Identifier Sign Panel Replacement	Countywide	Design, produce install new permanent signs to replace damaged, outdated or missing signs panels of monumental signs at Metrorail property entrance. Replace part of the inventory of the damaged station-identifier porcelain enamel panels on existing monumental sign structures located at the entrance of Metrorail station ' properties.	Countywide	5	Passenger Amenities	\$420	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Metrorail/Metromover Vehicle Signage Replacement	Countywide	Design, produce and install new Metrorail Metromover vehicle signage to replace damaged and outdated customer information materials. This project includes signage and high performance decals installed inside and outside cars.	Countywide	5	Passenger Amenities	\$840	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Metrorail-M-Path Implementation of MPO Master Plan	Countywide	To provide the total cost of implementing the Metrorail Bike Path Upgrades as per the Metropolitan Planning Organization (MPO) M-Path Master Plan. It also includes the preparation of contract documents for bidding, estimated construction cost, permits, inspections, construction administration, County administration and project contingency. Finally the scope of work shall include coordinating with MDPWD, MDT, FDOT, MDBD, and the cities of Miami, South Miami and Coral Gables.	Countywide	5	Design and Engineering	\$4,500	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Destination Sign Refurb	Countywide	Purchase parts and equipment to refurbish/replace old destination sign systems that are no longer repairable or maintainable. Purchase 75 replacement sign systems to include Front/Side/Rear signs, Operator Control Unit and all required cables.	Countywide	5	Division 34	\$0	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Replacement of Currency counters/ discriminators	Countywide	Current inventory of "single pocket" currency distributors are over ten years old. Increased number of bills in large denominations from Ticket Vending Machines requires more sorting and counting time.	Countywide	5	Division 41	\$0	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Proximity Control System Upgrade	Countywide	Upgrade to the electronic proximity control system currently utilized by MDT to control access to critical areas throughout the system. This ensures that only persons with authorized access, as determined by MDT management, have controlled and trackable access to critical areas of the system. The upgrade would be to the computer hardware and management software.	Countywide	5	Division 51	\$0	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Metrorail/Metromover Door Replacement	Countywide	Replacement of custom ancillary doors, emergency exit doors, traction power substation doors, elevator machine room doors at Metrorail/Metromover Stations due to corrosion and damage.	Countywide	5	Division 58	\$0	\$0	0	State of Good Repair	N/A	TBD	N/A

Table 6-3: Unfunded Transit Projects FY 2017 - FY 2026

Map ID #	Project Name	Location	Project Description Reference MDT10Ahead Major Update Page	Commission District	Project		Cost (in 000s)		Number of Buses	Type of Change	Status		2040 LRTP Status
					Type§	Phase	Capital Cost	O&M (Annual)			2015 Annual Update Implementation Year*	2016 Annual Update Implementation Year*	
Not Mapped	IRP - ATS Replacements	Countywide	The Automatic Transfer Switch (ATS) needs to be replaced to operate automatically. It is essential to ensure the power is transferred to the emergency feed in the event of loss of power of the main FPL System. This will prevent any potential shutdown of the system.	Countywide	5	Division 58	\$0	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Escalator Modernization	Countywide	Perform a modernization of 2 system escalators. Remove existing escalator to truss. Install new Transit rated equipment into existing trusses. Bring units to current escalator safety code. Perform a modernization of 2 system escalators. Remove existing escalator to truss. Install new Transit rated equipment into existing trusses. Bring units to current escalator safety code.	Countywide	5	Division 58	\$0	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Replacement of equipment required for Trapeze and CAD systems	Countywide	Allows bus supervisors and other operations staff to remote access schedules, GIS data, bus locations and other information. Replacement of electronic equipment required to utilize Trapeze and CAD systems	Countywide	5	Division 71	\$0	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Bus Passenger Seat Replacement	Countywide	Improve the riding comfort of passengers and replace soiled cloth seats. Replacement of Passenger Seats for an additional 320 buses.	Countywide	5	Division 72	\$0	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Bus Solar Panels	Countywide	Procurement and installation of Bus Solar Panels. Reduces battery usage and bus failures due to "no starts". Improves the reliability of the fleet. Cost may be less due to age of certain buses in the fleet.	Countywide	5	Division 72	\$0	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Metromover Inner Loop Guideway Painting	Countywide	Provide all the necessary labor, equipment, and materials to repaint all the existing steel girders supporting the guideway of Metromover's Inner Loop. The scope of work will include surface preparation (removal of all loose coating material, water soluble salts and rust), furnishing and applying the selected coating system and subsequent testing thereof. The existing steel girders will be repainted for the entire length of Metromover's Inner Loop, which is approximately 1.9.miles long.	Countywide	5	Track & Guideway	\$12,710	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Metromover Omni Extension Guideway Painting	Countywide	Provide all the necessary labor, equipment, and materials to repaint all the existing steel girders supporting the guideway of Metromover's Omni Extension. The scope of work will include surface preparation (removal of all loose coating material, water soluble salts and rust), furnishing and applying the selected coating system and subsequent testing thereof. The existing steel girders will be repainted for the entire length of Metromover's Omni Extension, which is approximately 1.4.miles long.	Countywide	5	Track & Guideway	\$10,490	\$0	0	State of Good Repair	N/A	TBD	N/A
Not Mapped	IRP - Metrorail Steel Box Girder Guideway Painting	Countywide	Provide all the necessary labor, equipment, and materials to repaint all the existing steel box girders supporting the guideway of the Metrorail Mainline. The scope of work will include surface preparation (removal of all loose coating material, water soluble salts and rust), furnishing and applying the selected coating system and subsequent testing thereof. The existing steel box girders are located at specific locations Metrorail's 22.6 mile long Mainline. The Metrorail Mainline has 154 steel box girders out of a total of 2, 796 steel box girders, which equals 5.5%.	Countywide	5	Track & Guideway	\$17,400	\$0	0	State of Good Repair	N/A	TBD	N/A
TOTALCOST (000S)							\$512,507	\$32,646					

§ Project Type Key	
1. ADA Accessibility Improvements	8. Metrorail Projects
2. Bus System Projects	9. New Passenger Facilities
3. Equipment Acquisition	10. Other
4. Facility Improvements	11. Park and Ride Improvements and New Facilities
5. Infrastructure Improvements	12. Passenger Facilities Improvements
6. Mass Transit Projects	13. Security Improvements
7. Metromover Projects	14. Service Adjustment

†† Please note, as per Miami-Dade MPO Resolution Number 31-15, the MPO Board amended the FY 2016 Transportation Improvement Program (TIP) to delete selected Enhanced Bus Service Projects and reallocate said funds to three new projects as follows: "Implementation of Bus Rapid Transit along NW 27th Avenue, Flagler Street, and Kendall Drive Transit Corridors." However, bus purchase components of the Biscayne, Flagler and NW 27th Avenue EBS projects remain funded and are proceeding in order to provide near-term capacity improvements along these corridors.

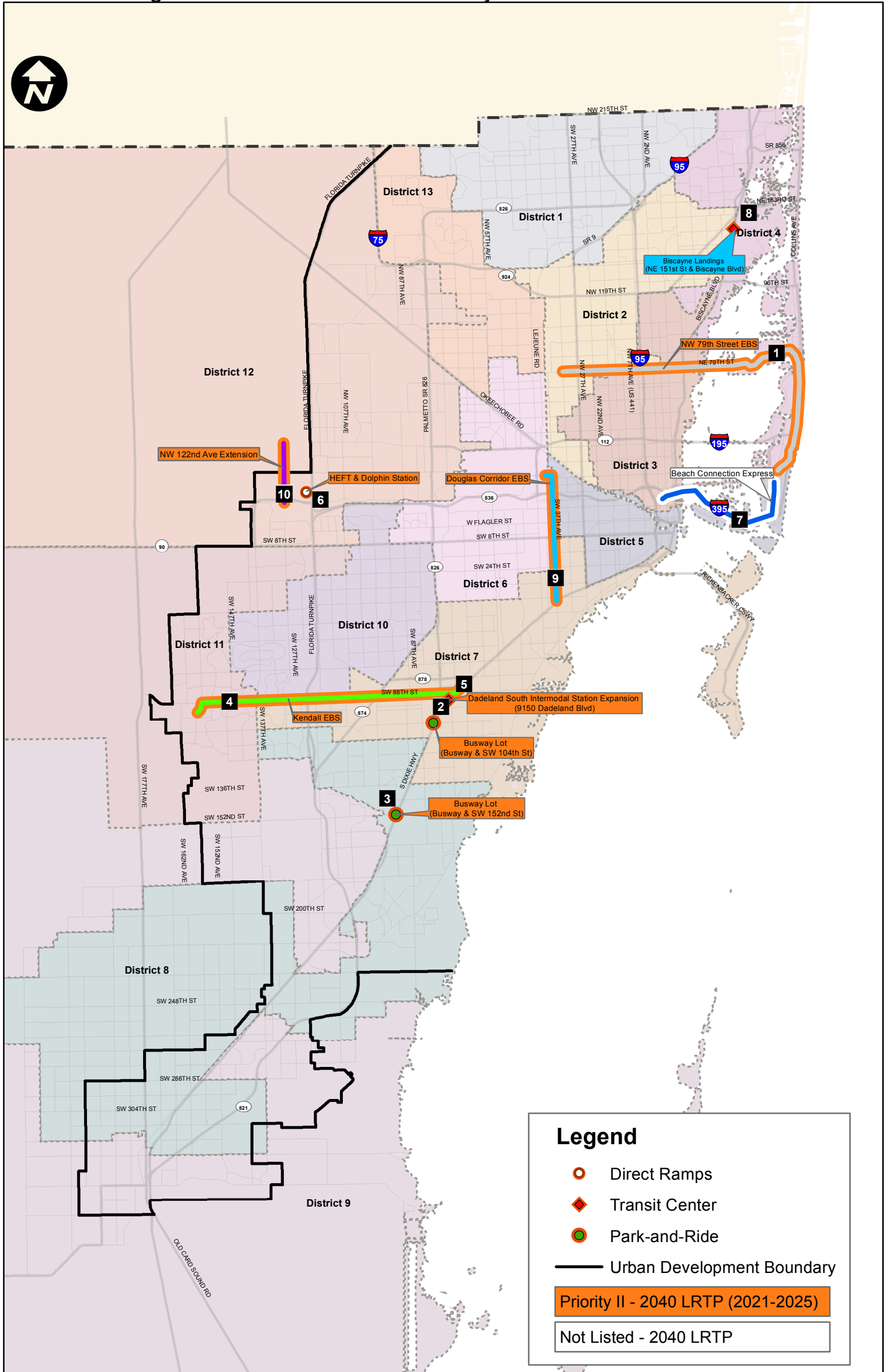
* Per Miami-Dade MPO Resolution Number 01-15, the MPO Board prioritized this corridor to be evaluated in a Project Development and Environmental (PD&E) Study for the implementation of premium transit. Information in this table is current as of December 31, 2015.

Bus Totals:
+51 Traditional Buses
21 Articulated Buses
+9 Vessels
↑ 'A' denotes articulated bus

* Projects in green have been advanced from their original start date or are new; projects in red have been deferred, or cancelled

2040 LRTP	
Priority I	2015-2020
Priority II	2021-2025
Priority III	2026-2030
Priority IV	2031-2040

Figure 6-3: Unfunded Transit Projects FY 2017 - FY 2026



This page intentionally left blank

6.4 Moving Forward Together

The Department of Transportation and Public Works (DTPW) is formulating its 2016 Mobility Plan & Vision - Moving Forward Together. It is anticipated that this document will be unveiled in 2016. DTPW is committed to building an efficient and sustainable transit system that meets the travel needs of the residents, businesses and visitors of Miami-Dade County.

The People's Transportation Plan (PTP) identified a total of eight corridors for potential application of premium transit service. To date, only the AirportLink advanced and has been operational since 2012. In the coming year, DTPW will be evaluating different modes and alignments for each one of the remaining corridors in order to begin fulfilling the promises of the PTP. Specific modes, ranging from Bus Rapid Transit (BRT), Commuter Rail Transit (CRT), Light Rail Transit (LRT), and Heavy Rail Transit (HRT) will be analyzed to evaluate a range of feasible costs. These cost estimates will be used to determine what is feasibly affordable within a 30 to 35 year time frame, with available funding sources.

Section 6.4.1 North Corridor. The Florida Department of Transportation (FDOT) will initiate a study to evaluate premium transit (BRT, LRT, HRT) along the North Corridor with the objective of implementing a cost-effective, high-ridership rapid transit system that will be part of an overall interconnected rapid transit network. DTPW will build upon the results of this study and pursue Federal New or Small Starts funds to ensure rapid transit connections to Miami-Dade College (MDC) North Campus and Miami Gardens.

Section 6.4.2 East-West Corridor. Over the years, a number of alignments and modes have been evaluated along the East-West Corridor. During this period, the corridor has gone through substantial changes. For example, Florida International University recently inaugurated a College of Law, a College of Medicine, and a College of Nursing and Health Sciences at the western end of the corridor. The Marlins Park, a revived Calle Ocho, a thriving Miami-Dade College InterAmerican Campus, and a transformed Downtown Miami at the eastern end are some of the examples of the extent to which the East-West Corridor has been transformed, indicating the potential for higher ridership.

More recently, CRT along the CSX corridor was evaluated. A fresh look at all potential options is needed to assess relative cost and benefits of different technologies along different alignments. As a long term vision, once a mode and alignment is established for the East-West corridor, future extensions to the north and to the south along the Homestead Extension of the Florida's Turnpike ROW, as shown in Figure 6-4 Overall Vision Map, will be evaluated. Similarly, the direct linkage between the MIC and Downtown Miami with a possible connection to the Marlins Park, will also be evaluated as a future phase.

Section 6.4.3 Beach Corridor. Recent momentum for implementing a rapid transit solution to connect Miami Beach with the mainland is demonstrated in the commitments by the County and the Cities of Miami and Miami Beach. Currently, the County and the Cities are in the process of approving a Memorandum of Understanding with FDOT that will pave the way for initiating the study phase of this project. While the City of Miami Beach may independently move forward with funding the "Miami Beach Connector" loop in their jurisdiction with local and state dollars, the County may consider pursuing Federal New Starts funding for the "Miami Connector" loop. In the future, these loops can be connected by running an extension of the system through the Julia Tuttle Causeway.

Section 6.4.4 South Corridor. The South Miami-Dade Busway, soon to be rebranded as the South Miami-Dade Transitway (T-Way), is a lifeline for many transit-dependent communities in the South Miami-Dade area. Portions of the existing Busway were built nearly 20 years ago and since then, mobility needs have only grown. DTPW proposes to make immediate investments in this important corridor by designing transit facilities to reflect the adjacent communities and their aspirations for the Corridor. DTPW will initiate a study to evaluate premium transit (BRT, LRT, HRT) along the South Corridor with the objective of implementing a cost-effective, high-ridership rapid transit system that will be part of an overall interconnected rapid transit network. DTPW will build upon the results of this study and pursue Federal New or Small Starts funds to ensure rapid transit connections to the South Miami-Dade Area.

Section 6.4.5 Kendall Corridor. In the coming year, FDOT will initiate a study to evaluate BRT and LRT along the Kendall Corridor with the objective of implementing a cost-effective, high-ridership rapid transit system that will be part of an overall interconnected rapid transit network. DTPW will build upon the results of this study and pursue Federal New or Small Starts funds to ensure rapid transit connections between the Dadeland Area and the West Kendall Area.

Section 6.4.6 Northeast Corridor. The Florida East Coast (FEC) corridor is being evaluated for implementation of the Tri-Rail Coastal Link project which will connect Broward and Palm Beach Counties as well as the northwestern parts of Miami-Dade County to densely populated cities located along Florida's Gold Coast Region (See Figure 6-4). It is Miami-Dade's goal to work with FEC and South Florida Regional Transportation Authority (SFRTA) to jumpstart this service with available resources. Miami-Dade has recently invested \$13 million dollars for construction of the downtown terminal for this service in the Brightline (All Aboard) Station in Downtown Miami. DTPW will continue to work with our partners to introduce commuter service along the FEC as quickly as possible.

Section 6.4.7 Express Bus Network. The success of the I-95 Express Bus Services has demonstrated that transit can benefit from investments in highway infrastructure. In the coming months, a concerted effort will be made to introduce new services, listed in Table 6-4, to more areas of the County such that residents will have more attractive travel options to access major destinations such as employment centers, hospitals, major retail malls, and university/college campuses.

The express bus services will provide superior experience to patrons by ensuring a one-seat ride with travel times comparable to that of using a private automobile. Express bus services will also strive for greater travel time reliability by providing limited-stop transit services.

The goal is to attract people to use healthier, more sustainable methods of transportation. By making transit easy to use, we can improve the passenger experience and make transit more attractive. Figure 6-5 illustrates the overall Express Bus System Vision Plan.

Table 6-4: Moving Forward Together - Express Bus System (Unfunded)

Project Name	Location	Project Description Reference MDT10Ahead Major Update Page	Commission District	Project		Cost (in 000s)		Number of Buses	Type of Change	Status		2040 LRTP Status
				Type [§]	Phase	Capital Cost	O&M (Annual)			2015 Annual Update Implementation Year [*]	2016 Annual Update Implementation Year [*]	
Beach Express North	Golden Glades Intermodal Terminal/Miami Beach Convention Center	Route will provide express bus service from Golden Glades Intermodal Terminal to the Miami Beach Convention Center. Headways will be 10 minutes during peak hours and 20 minutes during off-peak hours. Service Span will be from 5:30am to 8:00pm.	2, 5	6	Operations	TBD	\$2,742	9	New Express Bus Service	N/A	TBD	N/A
Beach Express Central	Civic Center Metrorail Station/Miami Beach Convention Center	Route will provide express bus service from Civic Center Metrorail Station to the Miami Beach Convention Center. Headways will be 10 minutes during peak hours and 20 minutes during off-peak hours. Service Span will be from 5:30am to 9:00pm.	3, 5	6	Operations	TBD	\$2,100	6	New Express Bus Service	N/A	TBD	N/A
Beach Express South	Miami Central Station/Miami Beach Convention Center	Route will provide express bus service from Miami Central Station to the Miami Beach Convention Center. Service will run all day with 10 minute headways. Service Span will be from 5:00am to 2:00am.	3, 5	6	Operations	TBD	\$3,644	6	New Express Bus Service	N/A	TBD	N/A
S Miami-Dade Express	SW 344 St. Busway Station/Dadeland North Metrorail Station	Route will provide express bus service from the SW 344th Street Park-and-Ride along the Busway to the Dadeland North Metrorail Station. Headways will be 10 minutes during peak hours.	7, 9	6	Operations	TBD	\$2,915	15	New Express Bus Service	N/A	TBD	N/A
NW Miami-Dade Express	American Dream Station / Palmetto Metrorail Station	Route will provide express bus service from the American Dream Stations to the Palmetto Metrorail Station. Headways will be 10 minutes during peak hours.	12	6	Operations	TBD	\$1,458	8	New Express Bus Service	N/A	TBD	N/A
SW Miami-Dade Express	Miami Executive Airport/Dadeland North Metrorail Station	Route will provide express bus service from the Miami Executive Airport to the Dadeland North Metrorail Station. Headways will be 10 minutes during peak hours.	7, 11	6	Operations	TBD	\$1,458	8	New Express Bus Service	N/A	TBD	N/A
Florida Turnpike Express (South)	344 St. Busway Station/Dolphin Station	Route will provide express bus service from the SW 344th Street Park-and-Ride along the Busway to Dolphin Station. Headways will be 10 minutes during peak hours.	9, 11	6	Operations	TBD	\$3,158	16	New Express Bus Service	N/A	TBD	N/A
Florida Turnpike Express (North)	FIU Panther Station/American Dream Stations	Route will provide express bus service from the FIU Panther Station to the American Dream Station. This route will operate all day with 20 minute headways	12, 13	6	Operations	TBD	\$2,221	4	New Express Bus Service	N/A	TBD	N/A
TOTALCOST (000S)						\$0	\$19,696					

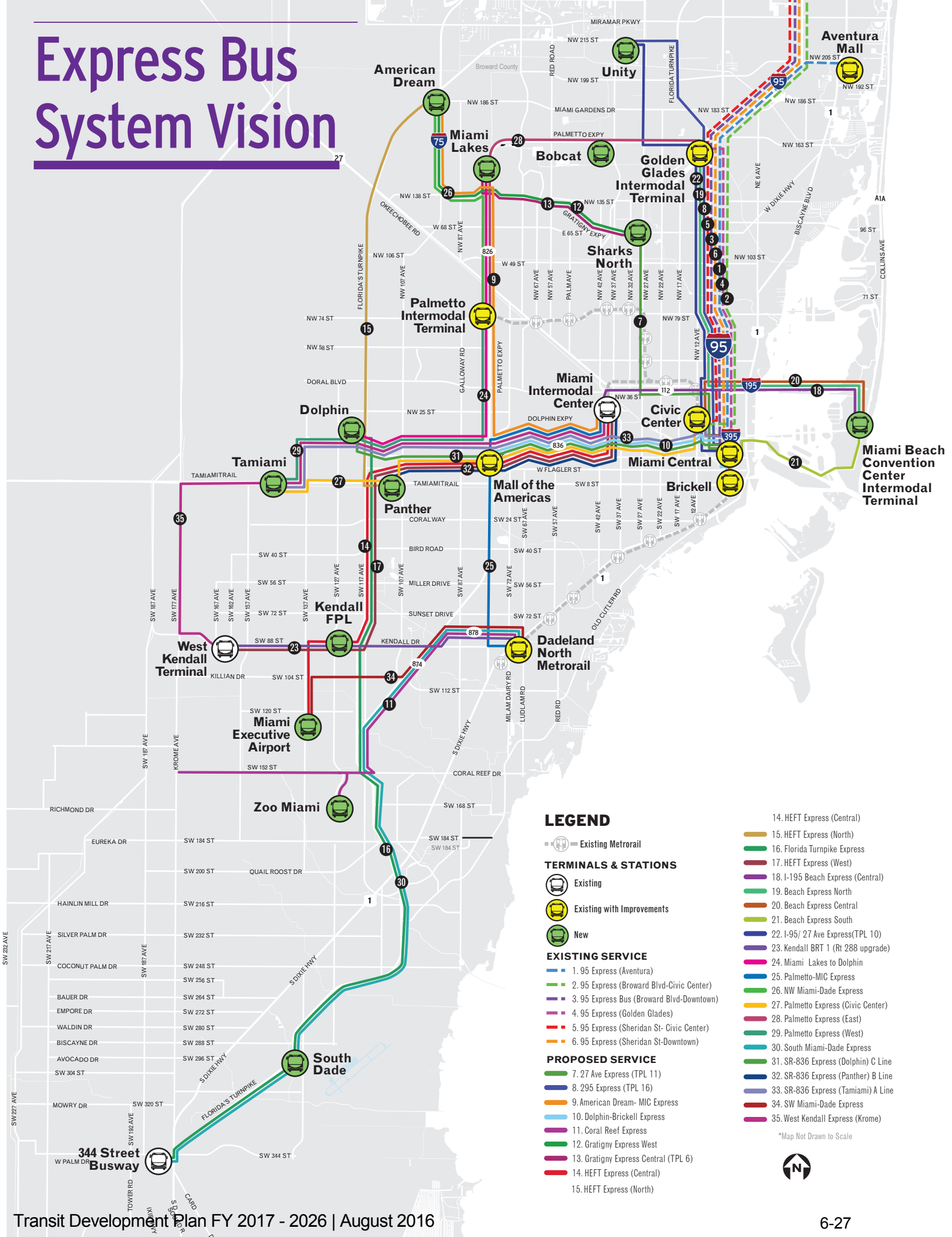
† Please note, as per Miami-Dade MPO Resolution Number 01-15, the MPO Board prioritized this corridor to be evaluated in a Project Development and Environmental (PD&E) Study for the implementation of premium transit.
* This table is current as of December 31, 2014. Please note that the Miami-Dade MPO was considering a reprogramming of Transit Corridors - a final ranking was determined at the February 19, 2015 MPO Board meeting

§ Project Type Key	
1. ADA Accessibility Improvements	8. Metrorail Projects
2. Bus System Projects	9. New Passenger Facilities
3. Equipment Acquisition	10. Other
4. Facility Improvements	11. Park and Ride Improvements and New Facilities
5. Infrastructure Improvements	12. Passenger Facilities Improvements
6. Mass Transit Projects	13. Security Improvements
7. Metromover Projects	14. Service Adjustment

Bus Totals:
+72 Traditional Buses
† 'A' denotes articulated bus

This page intentionally left blank

Express Bus System Vision



Overall Vision

