



Miami-Dade County Department of Transportation & Public Works
Transit Asset Management Plan

Prepared with support from:





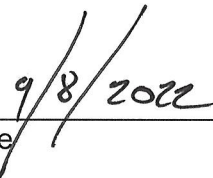
AUTHORIZATION & CERTIFICATION

In accordance with the Federal Transit Administration (FTA), TAM Rule (49 CFR Part 625) and Statue Reference 49 U.S.C. § 5326, these mandates require Miami-Dade County Department of Transportation and Public Works (DTPW) to update its Transit Asset Management (TAM) Plan. The TAM Plan establishes the minimum requirements for managing all recipients and subrecipients of chapter 53 funds. In response, Miami-Dade County's Department of Transportation and Public Works (DTPW) approves and adopts the Transit Asset Management (TAM) Plan.



Eulois Cleckley
Director and CEO
TAM Accountable Executive
Miami-Dade County, Department of Transportation & Public Works

Date



9/8/2022



Mission Statement

“Miami-Dade’s Department of Transportation and Public Works, through its employees, will enhance the quality of life of Miami-Dade County residents, businesses, and visitors by delivering safe, clean, efficient, reliable, sustainable and equitable public transportation infrastructure and services.”



EXECUTIVE SUMMARY

In compliance with the United States Department of Transportation (USDOT) Final Rule on Transit Asset Management and State of Good Repair (SGR) under 9 United States Code (USC) Section 5326 / MAP-21 Section 20019 Federal Public Transportation Act of 2012, the Miami-Dade County's Department of Transportation and Public Works (DTPW) developed its initial Transit Asset Management (TAM) Plan (referred to as 'the Plan' for the rest of the document) in 2018 and has documented progress since in this 2022 update.¹

As a Tier I transit service provider, DTPW has included all nine (9) of the Final Rule requirements in its Plan (Table ES-1).

Table ES-1: TAM Plan Alignment of Requirements for Tier 1 Providers

TAM Plan Requirements	Description	Chapter
TAM and SGR Policy	Policy/executive directions to identify and support Asset Management goals	1.0
Capital Asset Inventory	List of transit capital assets and condition	2.0
Condition Assessment	Condition assessment assigned based on the TERM scale to inform investment prioritization	2.0
Decision Support Tool	Description of design support tools to estimate capital investments and develop investment prioritization	3.0
Investment Prioritization	Ranked list of projects and programs based upon all available/estimated funding sources	3.0
Implementation Plan	Transit Agency's approach to carrying out TAM practices	3.0
Key Implementation Activities	List of Activities deemed critical to achieving TAM goals for the year	4.0
Implementation Resources	Estimate of resources necessary to implement the TAM Plan	4.0
Evaluation Plan	Continuous improvement plan with milestones and timelines	4.0

One (1) of TAM's nine (9) required elements is that each transit agency identifies its asset management policy and goals to align with its strategic plan. For DTPW, its TAM purpose, policy, and scope align with

¹ Federal Transit Administration. (2016). Federal Register Transit Asset Management; National Transit Database; Final Rule, 49 CFR Parts 625 and 630. July 2016.

<https://www.federalregister.gov/documents/2016/07/26/2016-16883/transit-asset-management-national-transit-database>. Accessed June 3, 2022.



Miami-Dade County's vision of, "*delivering excellent service today and tomorrow*" and are driven by the County's guiding principles of being:²

- Resilient;
- Customer-focused;
- Honest, ethical, and fair;
- Accountable and responsive;
- Diverse and sensitive;
- Efficient and effective;
- Innovative;
- Valuing and respectful; and
- Action-oriented.

Additionally, DTPW's TAM priorities are guided by the Mayor of Miami-Dade County's mobility pillars:³



Streets for People: We will collaborate with municipalities to unlock the potential of multiple jurisdictions working together towards a common goal, building a comprehensive network of protected and separated bike lanes.



Better Transit: We aim to improve mobility for all users, ensuring our transportation system takes residents where and when they need to go, with a seamless experience that meets the needs of a daily commute as well as a spontaneous trip.



Innovation and Sustainability: We need to bring fresh ideas from the riders and residents we serve, refine them, and ensure that our constituents' voices help chart the path forward; working together we can provide our communities with increased safety, opportunity, reliability, and well-maintained infrastructure.



Social Equity and Access: We must build a transportation system that engages and empowers communities through transparent decision-making and clear process and make transportation investments equitably across the county to expand access and mobility for all our residents.

These regional guiding principles and mobility pillars are particularly important to DTPW's project prioritization, which is being updated and streamlined at the time of this TAM Plan development. There has also been a number of other TAM activities taken to improve stewardship over its physical assets,

² Miami-Dade County Strategic Plan, 2020. <https://www.miamidade.gov/performance/library/strategic-plan/2020-strategic-planning-book.pdf>. Reviewed June 15, 2022.

³ <https://www.miamidade.gov/global/government/mayor/cava-plan.page>. Reviewed June 15, 2022.



manage risks, reduce maintenance and lifecycle costs, inform capital investment decisions, and enhance quality of service. Key activities and resulting impacts are reported in Table ES-2.

Table ES-2: Key TAM Implementation Accomplishments

Implementation Task	Impact
✓ Integrated risk management agency-wide and expedited potential unforeseen risk	» Improve lifecycle management planning
✓ Incorporated enhanced safety protocols for the overall infrastructure from the global pandemic	» Maintain service safety » Improve customer satisfaction
✓ Implemented a condition/reliability program	» State of Good Repair Formula Program compliance & success
✓ Enhanced asset inventory register and performance measures	» State of Good Repair Formula Program compliance & success
✓ Implemented condition/reliability program	» Improve lifecycle management planning » Develop agency TAM knowledge
✓ Improved asset performance in each category (excluding Metrorail performance restrictions) ⁴	» State of Good Repair success

There have been several challenges which may have impacted the overall TAM implementation. The challenges and potential impacts are reported in Table ES-3.

Table ES-3: TAM Implementation Challenges

Implementation Task	Impact
○ Global pandemic and its impact on planning for public transportation	○ Service safety ○ Customer satisfaction
○ Availability of identified resources – reduction in appropriation and increase in prices	○ Agency TAM knowledge ○ TAM program success
○ Major demographic shift – loss of institutional knowledge	○ Agency TAM knowledge
○ Political, environmental, and technological factors that shifted priorities	○ Agency TAM knowledge ○ TAM program success
○ Aging infrastructure – limited original equipment manufacturer (OEM) parts availability	○ State of Good Repair success
○ Asset management awareness ‘buy-in’	○ Agency TAM knowledge

For this TAM Plan update, DTPW has reassessed and streamlined its 2018 TAM Implementation Plan to prioritize and address such challenges and advance asset management processes, in order to maximize its program efficacy and efficiency. The updated approach optimizes the agency’s available resources that can be devoted to TAM activities while meeting financial targets and maintaining federal compliance.

⁴ In 2022, 0.04 percent of transit way under performance restrictions as compared to zero percent in 2018.

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Chapter 1. INTRODUCTION

In 1960, the Metro-Dade County Commission passed an ordinance to create the Metropolitan Transit Authority (MTA). Over the years and under various administrations, MTA evolved into the Metro-Dade Transportation Administration, Metro-Dade Transit Agency, and then Miami-Dade Transit (MDT). On October 9, 2015, Miami-Dade Transit and Public Works Departments merged as one and were renamed Miami-Dade County's Department of Transportation and Public Works (DTPW). With more than 3,800 full-time employees, DTPW is one of the largest departments in Miami-Dade County government and is responsible for planning and providing public transit services to the entire county.⁵

Over the past 60 years, DTPW has grown to become the 18th largest public transit system in the country and the largest transit agency in the State of Florida. It serves 306 square miles and 33 individual municipalities, with an urbanized population of approximately 2.6 million and approximately 275,000 average weekday boarding. It is an integrated transportation system that consists of four (4) major components: Metrobus, Metrorail, Metromover and Special Transportation Service.⁶ These systems provide services as far north as Broward County and as far south as the Middle Keys. Highlights of these services include:

- Metrobus, with routes travel approximately 29 million miles per year using more than 800 buses;
 - Designed to intersect with Metrorail and Metromover, DTPW's bus system serves all major shopping, entertainment and cultural centers, as well as major hospitals and schools;
- Metrorail, an electrically powered, elevated, rapid-transit system stretching 25 bi-directional miles and provides service to the greater Miami area;
- Metromover, a 4.4 bi-directional miles, elevated people mover that serves the downtown central business district of Miami, including Omni and Brickell;
- Special Transportation Service, designed to meet the needs of people with disabilities who are unable to use regular transit services; and
- Multiple complexes composing of maintenance shops and utilities, office space, Metrorail and Metromover stations, parking facilities, transfer stations, pedestrian walkways, and overpasses.

Additionally, DTPW administers and implements the following to enhance the interconnected mobility network and protect public works assets that are critical to a resilient transit system:

- Planning, construction and maintenance of a safe and efficient system of roads, bridges, drainage, pathways, traffic signals, signs and street lights;

⁵ Transit Development Plan FY 2022 – 2031 Annual Progress Report.

<https://www.miamidade.gov/transit/library/transit-development-plan-annual-report.pdf>. Accessed April 10, 2022.

⁶ Based on annual vehicle revenue miles. FY 2021 - 22 Adopted Budget and Multi-Year Capital Plan.

<https://www.miamidade.gov/budget/library/fy2021-22/adopted/transportation-and-public-works.pdf>. Accessed July 8, 2022.



- Roadway infrastructure maintenance, inspection, compliance and improvement programs; implements all County highway, transit and neighborhood improvement projects included in the Capital Improvement Plan (CIP) and the Transportation Improvement Program (TIP);
- Various public works projects in the Building Better Communities General Obligation Bond (BBC GOB) Program and all of the County's transportation capital projects in the People's Transportation Plan (PTP);
- Maximum possible degree of flood protection in the secondary drainage canal system by providing adequate maintenance of these and other drainage facilities; and
- Licenses and regulations of private for-hire transportation.⁷

1.1 Transit Asset Management and State of Good Repair Policy

Since 2017, DTPW has followed the Transit Administrative Policy (TAP) for TAM planning purposes.⁸

- **Purpose.** To establish a Transit Asset Management (TAM) Program for continual improvement, achieve and maintain a State of Good Repair (SGR), improve agencywide reliability, set performance management expectations for lifecycle management plans, investment prioritization and optimize use of funds across an asset's lifecycle in compliance with federal reporting requirements; and
- **Policy & Scope.** The effective management, allocation and utilization of resources, control, and maintenance of assets as well as cost effectively extending the useful life of equipment, fleet, infrastructure, and facilities. To ensure compliance with a strategic and systematic process of operating, maintaining, and improving capital assets effectively through the entire lifecycle.

1.2 Transit Asset Management Overview

As mandated in the Moving Ahead for Progress in the 21st Century (MAP-21) legislation in 2012 and Fixing America's Surface Transportation (FAST) Act in 2015, the US Department of Transportation (USDOT) issued a Final Rule regarding TAM in 2016. The Final Rule establishes the requirements for TAM that apply to recipients or sub-recipients of federal financial assistance under 49 United States Codes (USC) Chapter 53 that own, operate, or manage public transportation capital assets. DTPW is a recipient of such federal financial assistance and a Tier I provider who operates with one hundred and one (101) or more vehicles in revenue service during peak regular service and operates of rail fixed-guideway public transportation systems.

In accordance with the Final Rule, MAP-21 requirements, DTPW has updated its TAM Plan based on asset management standards and practices developed by DTPW's divisional asset owners. The TAM is led by the TAM Program Team, which includes members of the Performance Analysis Division, Financial Services Division, and Resource Allocation Division. The team provides enterprise-wide leadership on

⁷ Ibid.

⁸ Policy number POL-AD-008, issued May 2017.



asset management policies, practices, tools, and investments. They are supported by the Planning Advisory Board, the Safety and Security Division, and the Quality Control Division, and various department asset owners and managers.⁹ Figure 1-1 depicts the TAM organization within DTPW. This support system has been established to foster connection between program development and program delivery. The divisions work together to:

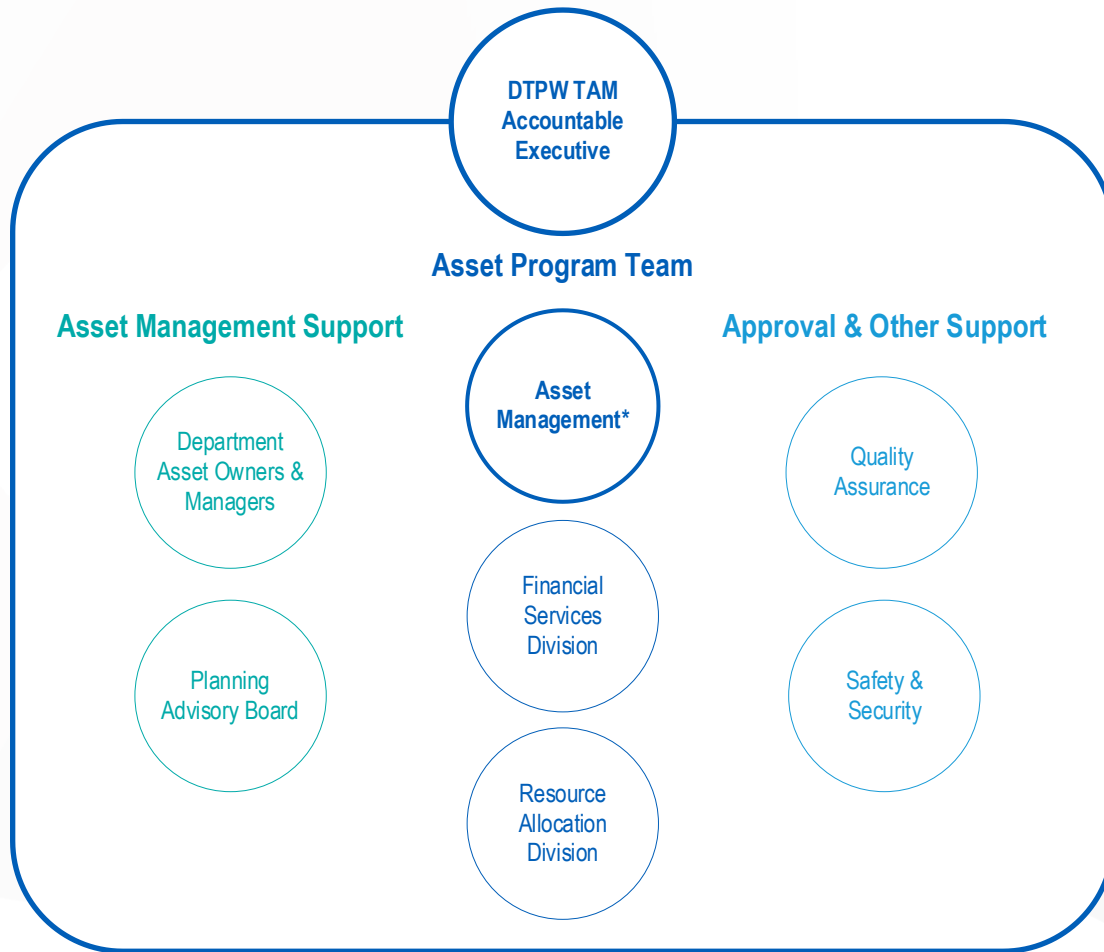
- Generate consistent decision-making;
- Set consistent performance measures and establish appropriate targets to ensure accountability;
- Guide local and regional decisions for preservation of the system;
- Make centralized decisions to prioritize system renewal and strategic improvement projects;
- Manage expectations; and
- Ensure the best asset management practices as established by the FTA and the International Organization (ISO) for Standardization Asset Management Standard.¹⁰

⁹ Members of the advisory board may include the Director, Deputy Director of Administration, Deputy Director of Operations, Deputy Director of Engineering, Planning, & Development, Assistant Director of Finance, Chief Performance Analysis, Safety & Security, and Quality Assurance.

¹⁰ ISO 55000:2014.



Figure 1-1. TAM Organization Chart



* A subdivision of Performance Analysis

The processes, strategies, and funding levels described in the TAM Plan are all subject to continuous improvement and are closely related to DTPW’s Transit Development Plan (TDP) annual update. The TDP presents both funded and unfunded transit needs to create a framework for transit improvements that can be implemented within a 10-year planning horizon and includes a performance assessment for the targets set in the most recent TDP Major Update.¹¹

This TAM Plan will be updated at least every four (4) years. Internal updates are performed on a biennial cycle, via a review process initiated by the TAM Program Team.

¹¹ <https://www.miamidade.gov/transit/library/transit-development-plan-annual-report.pdf>. Accessed April 23, 2022.



1.3 Document Structure

DTPW has developed this TAM Plan to meet the nine (9) TAM requirements of a Tier I transit provider:

- i. TAM and State of Good Repair (SGR) Policy
- ii. Capital Asset Inventory
- iii. Condition Assessment
- iv. Decision Support Tool
- v. Investment Prioritization
- vi. Implementation Strategy
- vii. Key Implementation Activities
- viii. Implementation Resources
- ix. Evaluation Plan

The TAM requirements are organized and presented in this TAM Plan with the language of the Final Rule included at the beginning of each chapter:

Chapter 1 Introduction – DTPW’s TAM and SGR policy, guiding principles for the delivery of its TAM program, and organization.

Chapter 2 Capital Asset Inventory and Condition – Summary of assets and their current condition performance for Metrobus, Metrorail, Metromover, and Special Transportation Services.

Chapter 3 Investment Prioritization – Investment prioritization approach and prioritized capital investment needs over the TAM Plan period.

Chapter 4 Implementation Strategy: Progress and Continuous Improvement – Key progress to date, future improvement efforts and associated resources required, and monitoring and evaluation plan to ensure continual improvement over the TAM Plan period.



Chapter 2. CAPITAL ASSET INVENTORY AND CONDITION

The TAM Rule requires a Capital asset inventory in the TAM Plan...

The inventory must include all capital assets that a provider owns, except equipment with an acquisition value under \$50,000 that is not a service vehicle. An inventory also must include third-party owned or jointly procured exclusive-use maintenance facilities, passenger station facilities, administrative facilities, rolling stock, and guideway infrastructure used by a provider in the provision of public transportation. The asset inventory must be organized at a level of detail commensurate with the level of detail in the provider's program of capital projects.

And condition assessments of capital assets.

A TAM Plan must include ... (A condition assessment of those inventoried assets for which a provider has direct capital responsibility. A condition assessment must generate information in a level of detail sufficient to monitor and predict the performance of the assets and to inform the investment prioritization.)

This chapter summarizes asset inventory, condition assessments, and performance improvements between 2018 and 2022. As part of the analysis, National Transit Database (NTD) reports and summary files from January 2022 are used.^{12,13} The section also documents how DTPW is currently measuring and tracking conditions for infrastructures beyond the TAM requirements and using them to inform future needs and priorities. Figure 2-1 reports the types of information collected, assessed, and audited by DTPW's Performance Analysis Division.

In terms of asset values, DTPW is in the process of consolidating all the financial information since the transition to a new accounting system, especially for facilities. Only the values of active vehicles for which the agency has direct capital responsibility are reported in Figure 2-2. Assets under contracted Special Transportation Services are not reported here, neither are contingency assets without remaining useful but some residual values.

¹² Inventory summary and NTD narrative files.

¹³ For internal tracking purposes, DTPW differentiate the inventory assessed from different periods or cycles. The data as of January 2022 includes DTPW's Cycle 1 facility assessments, which was conducted before 2018, as well as the remaining assessments ("Cycle 2") conducted since.



Figure 2-1: DTPW's TAM & NTD Reporting Crosswalk





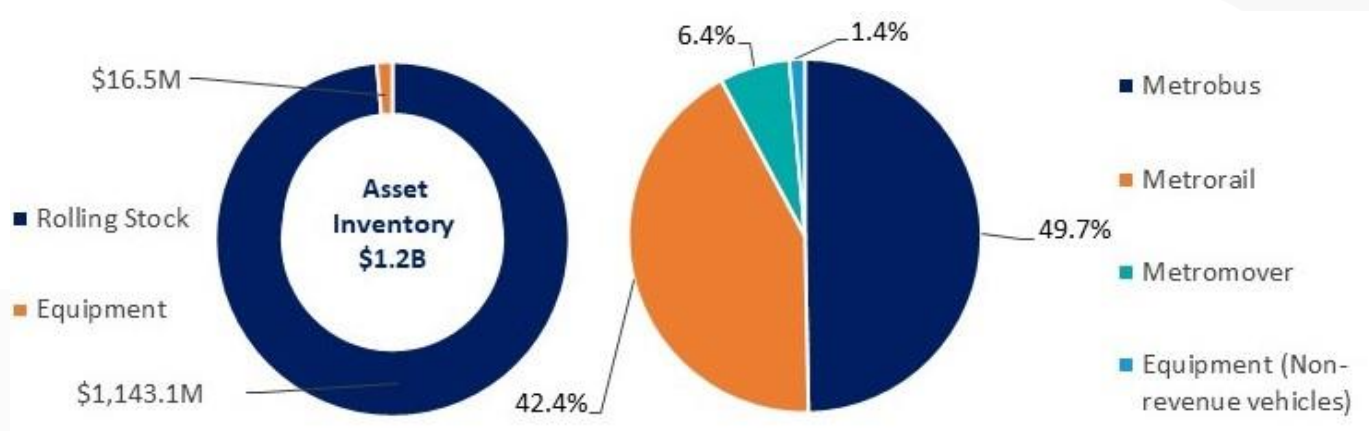
NTD Categories	DTPW TAM Inventory	DTPW TAM Condition Assessment	DTPW NTD Submittal	DTPW SGR Targets
A-30 Rolling Stock 	Metrobus	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Metrorail	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Metromover	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Special Transportation Services	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A-15 Facilities 	Metrobus	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Metrorail	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Metromover	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A-20 Infrastructure 	Performance Restrictions <i>(Fixed Guideway Superstructures)</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Substructures Infrastructure Facilities <i>(Train Control, TPS, PDS, Gap Power Station)</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Infrastructure Equipment <i>(Vital Replay Cabinet)</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A-35 Equipment 	Automobiles	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Trucks & Other Rubber Tire Vehicles	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Steel Wheel Vehicle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

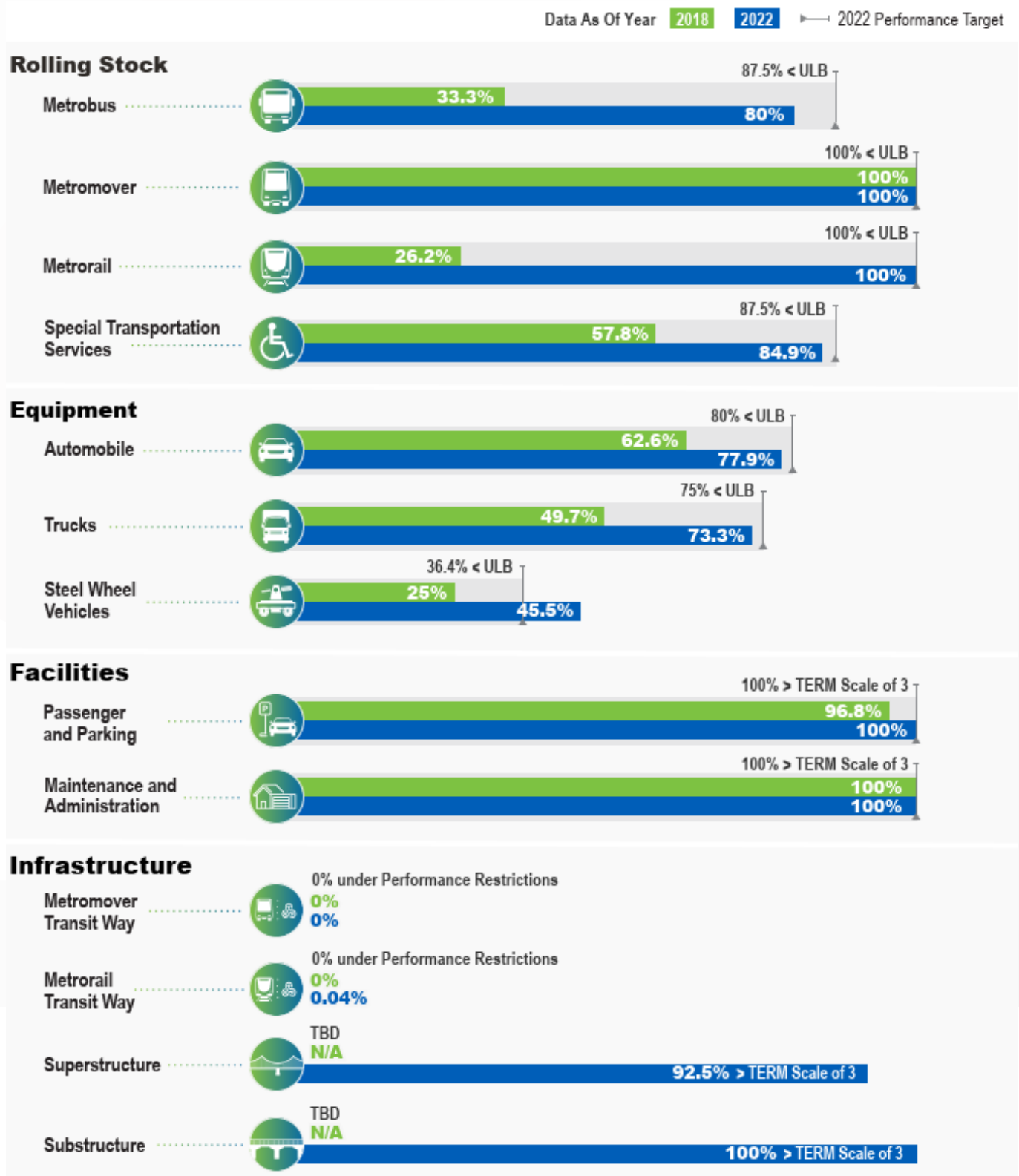
Figure 2-2: Replacement Value of Active Vehicle Assets by Asset Class and Mode



After this brief overall summary, data analyses by asset category/class and then by mode are presented. A summary of DTPW's inventory condition assessment procedure is provided in Appendix A. Inventory & Condition Assessment Procedures. Figure 2-3 summarizes the improvements in asset conditions and success in progressing towards performance targets.



Figure 2-3. Summary of Asset Conditions (% within ULB)





2.1 Rolling Stock

For rolling stock, the appropriate FTA Useful Life Benchmark (ULB) for each class of revenue vehicle was used to determine the number of years vehicles can be in service and remain in a state of good repair. After a vehicle’s age exceeds its ULB, DTPW determines vehicle replacement based on its preventative maintenance program, funding availability, safety requirements, and ongoing maintenance costs. Based on its asset inventory, DTPW compares each vehicle’s age to its ULB to determine the percentage of revenue vehicles that have met or exceeded their ULB. The vehicle’s age is calculated based on the year 2022.

Specific fiscal year (FY) 2022 performance metric variance and forecasted changes include:

- Minibus / Cutaway (Small Buses): Sale of small buses have adjusted the overall fleet age, performance metrics target and forecasted target.
- Large Bus Fleet: Performance metrics will improve with sale of many of the vehicles and anticipated receipt of thirty-three electric vehicles.¹⁴ In addition, there are additional commuter vehicles used for passenger service which are owned and operated by 3rd party contractors. These 3rd party-owned vehicles are not considered in setting performance targets.
- Metrorail: Sale of fifty (50) legacy vehicles will result in anticipated performance improvement.
- Metromover: ULB adjustment from 31 years to 20 years (per vendor signed contract) will not impact performance target.

2.1.1 Metrobus

Metrobus consists of three (3) different types of buses: Bus, Over-the-road Bus, and Articulated Bus. According to the FTA, the ULB for these buses is 14 years. In 2018, 66.7 percent of all buses exceeded their ULB, but by replacing vehicles no longer in a state of good repair, only 20.0 percent of the active fleet met or exceed their ULB in 2022. Table 2-1 reports the data analyzed.

Table 2-1: Metrobus Rolling Stock

MANUFACTURER	FUEL TYPE	AGE	COST/ UNIT	QTY TOTAL	QTY ACTIVE	ULB	QTY ≥ ULB	% ≥ ULB
GIL - Gillig Corporation	Compressed Natural Gas	3	\$607,088	34	34	14	0	0.0%
	Compressed Natural Gas	2	\$599,855	86	86	14	0	0.0%

¹⁴ Replacement of other busses that have exceed ULB are planned and funded between FY 2022-2031 as SGR projects. Total capital cost exceeds \$416 million. <https://www.miamidade.gov/transit/library/transit-development-plan-annual-report.pdf>



MANUFACTURER	FUEL TYPE	AGE	COST/ UNIT	QTY TOTAL	QTY ACTIVE	ULB	QTY ≥ ULB	% ≥ ULB
	Diesel Fuel	11	\$482,680	3	3	14	0	0.0%
	Diesel Fuel	6	\$592,950	8	8	14	0	0.0%
	Hybrid Diesel	12	\$763,392	5	5	14	0	0.0%
	Hybrid Diesel	8	\$781,041	32	32	14	0	0.0%
MCI - Motor Coach Industries International (DINA)	Diesel Fuel	16	\$641,050	11	11	14	11	100.0%
	Hybrid Diesel	7	\$1,107,046	43	43	14	0	0.0%
	Diesel Fuel	20	\$401,453	16	11	14	11	68.8%
	Diesel Fuel	19	\$413,935	11	3	14	3	27.3%
	Diesel Fuel	18	\$407,799	35	18	14	18	51.4%
	Diesel Fuel	17	\$420,878	83	83	14	83	100.0%
	Diesel Fuel	16	\$422,844	58	55	14	55	94.8%
	Diesel Fuel	7	\$613,549	15	15	14	0	0.0%
	Hybrid Diesel	13	\$689,800	13	13	14	0	0.0%
NFA - New Flyer of America	Hybrid Diesel	13	\$1,050,683	25	25	14	0	0.0%
	Hybrid Diesel	6	\$1,096,632	11	11	14	0	0.0%
	Hybrid Diesel	5	\$1,076,211	10	10	14	0	0.0%
	Compressed Natural Gas	4	\$597,240	169	169	14	0	0.0%
	Compressed Natural Gas	3	\$590,288	131	131	14	0	0.0%



MANUFACTURER	FUEL TYPE	AGE	COST/ UNIT	QTY TOTAL	QTY ACTIVE	ULB	QTY ≥ ULB	% ≥ ULB
	Compressed Natural Gas	2	\$600,723	52	52	14	0	0.0%
	Compressed Natural Gas	1	\$600,723	88	88	14	0	0.0%
All Buses				939	906	14	181	20.0%

Source: DTPW NTD Forms A-30 MB DO (Bus-Directly Operated); A-90.

2.1.2 Metrorail

Railcars in this analysis consisted of Heavy Rail Passenger Cars. According to the FTA, the appropriate ULB for this vehicle is 31 years. In 2018, 73.8 percent of all active railcars met or exceeded the ULB. Since then, 54 railcars have been replaced, resulting in zero percent of all 128 active railcars exceeding the ULB in 2022. Data used in the analysis are in Table 2-2.

Table 2-2: Metrorail Rolling Stock

MANUFACTURER	FUEL TYPE	AGE	COST/ UNIT	QTY TOTAL	QTY ACTIVE	ULB	QTY ≥ ULB	% ≥ ULB
Hitachi Rail	Electric Propulsion Power	5	\$2,520,553	10	6	31	0	0.0%
	Electric Propulsion Power	4	\$2,461,744	46	42	31	0	0.0%
	Electric Propulsion Power	3	\$2,418,491	52	52	31	0	0.0%
	Electric Propulsion Power	2	\$2,389,677	26	26	31	0	0.0%
	Electric Propulsion Power	1	\$2,294,329	2	2	31	0	0.0%



MANUFACTURER	FUEL TYPE	AGE	COST/ UNIT	QTY TOTAL	QTY ACTIVE	ULB	QTY ≥ ULB	% ≥ ULB
BUDD*	Electric Propulsion Power	37	\$732,516	46	0	31	46	
	Electric Propulsion Power	36	\$732,516	44	0	31	44	
All Railcars				226	128	31	0	0.0%

Source: DTPW NTD Forms A-30 HR DO (Heavy Rail-Directly Operated); A-90.

Note: * 50 – Retired pending disposal; 40 – Contingency pending contingency plan.

2.1.3 Metromover

Metromover vehicles consists of Automated Guideway Vehicles. As with heavy rail passenger cars, the appropriate ULB for Metromover vehicles is 31 years. All the vehicles are in a state of good repair. In 2018 and 2022, none of them have met or exceeded its ULB. Table 2-3 reports the corresponding inventory and conditions.

Table 2-3: Metromover Rolling Stock

MANUFACTURER	FUEL TYPE	AGE	COST/ UNIT	QTY TOTAL	QTY ACTIVE	ULB	QTY ≥ ULB	% ≥ ULB
BOM - Bombardier Corporation	Electric Propulsion Power	15	\$2,768,346	12	11	31	0	0.0%
	Electric Propulsion Power	12	\$2,439,460	17	16	31	0	0.0%
AEG Westinghouse Transportation*	Electric Propulsion Power	27	\$1,250,571	1	0	31	*	
All Vehicles				30	27	31	0	0.0%

Source: DTPW NTD Forms A-30 MG DO (Monorail & Automated Guideway-Directly Operated); A-90.

Note: * Legacy vehicle pending on disposal or contingency plan.



2.1.4 Special Transportation Services

Paratransit vehicles in this analysis consists of Automobile, Bus, Cutaway, Minivan, Van, Over-the-road Bus, and Sports Utility Vehicle. Following the FTA guidance for ULB, the default ULB of eight (8) years for Automobiles, 14 for Buses, 10 for Cutaways, 8 for Minivans and Vans, 14 for Over-the-road Buses, and 8 for Sports Utility Vehicles are applied. There were 673 active vehicles in 2018, and 42.2 percent of them met or exceeded ULB. By replacing vehicles that are no longer in a state of good repair and adding 77 new vehicles, only 15.1 percent of 829 active vehicles in 2022 meet or exceed the ULB. The data are reported in Table 2-4.¹⁵

The January 2022 data does not include any information regarding transition to hybrid or electric vehicles. While DTPW is reviewing its request for proposal of the next special transportation services contract, it will include different vehicle types in the next plan update, if necessary.

Table 2-4: Special Transportation Rolling Stock

MANUFACTURER	FUEL TYPE	AGE	QTY TOTAL	QTY ACTIVE	ULB	QTY ≥ ULB	% ≥ ULB
CHR - New Chrysler	Gasoline	7	2	2	8	0	0.0%
	Gasoline	5	2	2	8	0	0.0%
	Gasoline	5	1	1	8	0	0.0%
CMC - Champion Motor Coach Inc.	Diesel Fuel	13	1	1	10	1	100.0%
	Diesel Fuel	12	1	1	10	1	100.0%
	Diesel Fuel	11	1	1	10	1	100.0%
	Diesel Fuel	10	1	1	10	1	100.0%
	Diesel Fuel	9	2	2	10	0	0.0%
	Diesel Fuel	7	1	1	10	0	0.0%
	Diesel Fuel	4	1	1	10	0	0.0%
	Gasoline	10	1	1	10	1	100.0%
	Gasoline	9	3	3	10	0	0.0%
	Gasoline	5	1	1	10	0	0.0%
CMD - Chevrolet Motor Division — GMC	Gasoline	5	5	1	8	0	0.0%

¹⁵ The NTD reports for purchased transportation (PT) specifies that DTPW has no direct capital responsibility over the third-party owned vehicles that are used for its demand response services. The cost per unit is therefore not reported.



MANUFACTURER	FUEL TYPE	AGE	QTY TOTAL	QTY ACTIVE	ULB	QTY ≥ ULB	% ≥ ULB
	Gasoline	4	2	0	8	0	0.0%
	Gasoline	3	14	9	8	0	0.0%
	Gasoline	2	2	1	8	0	0.0%
	Gasoline	1	12	11	8	0	0.0%
DIA - Diamond Coach Corporation (formerly Coons Mfg. Inc./CMI)	Gasoline	11	1	1	10	1	100.0%
	Gasoline	8	1	1	10	0	0.0%
DKK - Double K, Inc. (form. Hometown Trolley)	Diesel Fuel	5	12	12	10	0	0.0%
DTD - Dodge Division — Chrysler Corporation	Gasoline	8	1	1	8	1	100.0%
	Gasoline	5	4	4	8	0	0.0%
	Gasoline	3	2	2	8	0	0.0%
	Gasoline	3	1	1	8	0	0.0%
	Gasoline	2	12	11	8	0	0.0%
	Gasoline	1	13	13	8	0	0.0%
	Gasoline	6	2	2	8	0	0.0%
	Gasoline	5	2	2	8	0	0.0%
EBC - EIDorado Bus (EBC Inc.)	Diesel Fuel	13	2	2	10	2	100.0%
	Diesel Fuel	12	1	1	10	1	100.0%
	Diesel Fuel	11	6	6	10	6	100.0%
	Diesel Fuel	10	5	5	10	5	100.0%
	Diesel Fuel	8	1	1	10	0	0.0%
	Diesel Fuel	7	5	5	10	0	0.0%
	Gasoline	12	6	6	10	6	100.0%
	Gasoline	10	6	6	10	6	100.0%
	Gasoline	9	8	8	10	0	0.0%
	Gasoline	7	1	1	10	0	0.0%
	Gasoline	6	4	4	10	0	0.0%
ELK - Elkhart Coach (Division of Forest River, Inc.)	Diesel Fuel	11	2	2	10	2	100.0%
	Diesel Fuel	10	1	1	10	1	100.0%
	Diesel Fuel	9	1	1	10	0	0.0%
	Diesel Fuel	6	2	2	10	0	0.0%



MANUFACTURER	FUEL TYPE	AGE	QTY TOTAL	QTY ACTIVE	ULB	QTY ≥ ULB	% ≥ ULB
	Gasoline	10	1	1	10	1	100.0%
	Gasoline	9	5	5	10	0	0.0%
	Gasoline	6	2	2	10	0	0.0%
Forest River Inc.	Diesel Fuel	10	4	4	10	4	100.0%
	Diesel Fuel	9	5	5	10	0	0.0%
	Diesel Fuel	8	2	2	10	0	0.0%
	Gasoline	10	1	1	10	1	100.0%
	Gasoline	8	2	2	10	0	0.0%
	Gasoline	7	1	1	10	0	0.0%
	Gasoline	6	1	1	10	0	0.0%
	Diesel Fuel	12	1	1	10	1	100.0%
	Diesel Fuel	10	1	1	10	1	100.0%
	Diesel Fuel	9	1	1	10	0	0.0%
	Gasoline	11	4	4	10	4	100.0%
	Gasoline	9	4	4	10	0	0.0%
FRD - Ford Motor Corporation	Gasoline	5	30	30	8	0	0.0%
	Gasoline	4	56	56	8	0	0.0%
	Gasoline	3	3	3	8	0	0.0%
	Gasoline	4	3	2	8	0	0.0%
	Gasoline	2	12	10	8	0	0.0%
	Gasoline	1	8	8	8	0	0.0%
	Gasoline	14	2	2	8	2	100.0%
	Gasoline	13	3	3	8	3	100.0%
	Gasoline	11	3	3	8	3	100.0%
	Gasoline	10	4	4	8	4	100.0%
	Gasoline	9	7	7	8	7	100.0%
	Gasoline	8	2	2	8	2	100.0%
	Gasoline	7	40	40	8	0	0.0%
	Gasoline	6	42	42	8	0	0.0%
	Gasoline	5	51	49	8	0	0.0%
	Gasoline	4	45	37	8	0	0.0%
	Gasoline	3	19	16	8	0	0.0%
	Gasoline	2	19	19	8	0	0.0%
	Gasoline	1	4	4	8	0	0.0%



MANUFACTURER	FUEL TYPE	AGE	QTY TOTAL	QTY ACTIVE	ULB	QTY ≥ ULB	% ≥ ULB
GCC - Goshen Coach	Diesel Fuel	11	1	1	10	1	100.0%
	Diesel Fuel	10	3	3	10	3	100.0%
	Diesel Fuel	9	1	1	10	0	0.0%
	Gasoline	11	2	2	10	2	100.0%
	Gasoline	10	1	1	10	1	100.0%
GIL - Gillig Corporation	Diesel Fuel	12	5	5	14	0	0.0%
	Diesel Fuel	11	2	2	14	0	0.0%
	Diesel Fuel	10	8	8	14	0	0.0%
	Diesel Fuel	9	14	14	14	0	0.0%
	Gasoline	8	1	1	14	0	0.0%
Glavin	Diesel Fuel	10	2	2	10	2	100.0%
	Diesel Fuel	9	6	6	10	0	0.0%
GLV - Glaval Bus	Diesel Fuel	10	3	3	10	3	100.0%
HYU - Hyundai Rotem	Gasoline	6	6	6	8	0	0.0%
	Gasoline	5	34	34	8	0	0.0%
	Gasoline	4	10	10	8	0	0.0%
	Gasoline	3	7	7	8	0	0.0%
	Gasoline	7	2	2	8	0	0.0%
KIA - Kia Motors	Gasoline	4	4	4	8	0	0.0%
	Gasoline	3	2	2	8	0	0.0%
	Gasoline	2	4	4	8	0	0.0%
	Gasoline	6	1	1	8	0	0.0%
	Gasoline	5	7	7	8	0	0.0%
	Gasoline	4	1	1	8	0	0.0%
MCI - Motor Coach Industries International (DINA)	Diesel Fuel	21	2	2	14	2	100.0%
	Diesel Fuel	17	1	1	14	1	100.0%
	Diesel Fuel	15	2	2	14	2	100.0%
	Diesel Fuel	14	28	28	14	28	100.0%
	Diesel Fuel	13	5	5	14	0	0.0%
NIS - Nissan	Gasoline	4	10	4	8	0	0.0%
	Gasoline	3	94	81	8	0	0.0%
	Gasoline	2	13	13	8	0	0.0%
SPC - Startrans (Supreme Corporation)	Diesel Fuel	16	1	1	10	1	100.0%



MANUFACTURER	FUEL TYPE	AGE	QTY TOTAL	QTY ACTIVE	ULB	QTY ≥ ULB	% ≥ ULB
	Diesel Fuel	14	1	1	10	1	100.0%
	Diesel Fuel	9	3	3	10	0	0.0%
	Diesel Fuel	8	1	1	10	0	0.0%
	Diesel Fuel	7	4	4	10	0	0.0%
	Diesel Fuel	5	13	13	10	0	0.0%
	Gasoline	12	1	1	10	1	100.0%
	Gasoline	10	1	1	10	1	100.0%
TMC - Transportation Manufacturing Company	Diesel Fuel	13	2	2	10	2	100.0%
	Diesel Fuel	11	1	1	10	1	100.0%
TOY - Toyota Motor Corporation	Gasoline	8	3	3	8	3	100.0%
	Gasoline	7	15	15	8	0	0.0%
	Gasoline	3	2	1	8	0	0.0%
	Gasoline	2	6	5	8	0	0.0%
TTT - Turtle Top	Diesel Fuel	11	1	1	10	1	100.0%
All Paratransit Vehicles			880	829	9	125	15.1%

Source: DTPW NTD Forms A-30 DR PT (Demand Response-Purchased Transportation), A-30 CB (Commuter Bus) PT, A-30 VP (Vanpool) PT, A-30 MB (Bus) PT; A-90.

2.2 Equipment (Non-Revenue Vehicles)

Non-revenue vehicles in this analysis consists of Automobile, Trucks and Other Rubber Tire Vehicles and Steel Wheel Vehicles. DTPW maintains its non-revenue vehicles as recommended by the vehicles’ manufacturers. Manufacturers’ recommended maintenance services to be completed when vehicles reach specific mileage thresholds.

For TAM reporting, DTPW compares each vehicle’s age to its ULB to determine the percentage of non-revenue vehicles that have met or exceeded their ULB, and then determines its equipment performance targets. DTPW uses the FTA’s default ULB for its equipment, which is 14 years for trucks and other rubber tire vehicles, 25 for Steel Wheel Vehicles, and 8 for Automobiles. The vehicle’s age is calculated based on the year 2022. Specific FY 2022 performance metric variance and forecasted changed include:

- Automobiles: Additional vehicle replacements are projected for the next FY (in 2023); therefore, the percent of fleet exceeding ULB target is expected to decrease. Also, many vehicles are put in service after the initial model year so a vehicle exceeding ULB does not necessarily mean it is not in a state of good repair.
- Steel Wheel Vehicles: Performance metric is not expected to change as no replacement vehicles are requisitioned for next fiscal year.



- Trucks & Other Rubber Tire Vehicles: Addition of forty-seven (47) vehicles in conjunction with the sale and replacement of decommissioned vehicles has resulted in a decreased average fleet age. The adjusted performance target (showing improvement) reflects anticipated vehicle sales without vehicle replacement within the next fiscal year.

As shown in Table 2-5, there are 357 active vehicles in 2022 and 26.3 percent met or exceeded the ULB. The metric is a significant decrease from 47.0 percent in 2018, due to fleet replacement. Currently there are 22.1 percent of automobiles (37.6 percent in 2018) and 26.7 percent of trucks (50.3 percent in 2018) not in a state of good repair. For steel wheel vehicles, the percentage of vehicles over the ULB decreased from 75.0 percent in 2018 to 54.5 percent in 2022.

Table 2-5: Non-Revenue Vehicles

MANUFACTURER	AGE	COST/ UNIT	QTY TOTAL	QTY ACTIVE	ULB	QTY ≥ ULB	% ≥ ULB
Dodge	20	\$14,097	9	9	8	9	100.0%
Ford	7	\$25,142	53	53	8	0	0.0%
Mobility Venture	6	\$53,647	6	6	8	0	0.0%
Nissan	2	\$19,249	2	2	8	0	0.0%
Toyota	8	\$25,204	25	25	8	12	48.0%
All Automobiles				95	8	21	22.1%
Harsco Rail	20	\$45,287	1	1	25	0	0.0%
Harsco Rail	4	\$1,580,483	1	1	25	0	0.0%
Kershaw	33	\$150,292	2	2	17	2	100.0%
Plasser American	27	\$310,639	5	5	25	3	60.0%
SwingMaster	26	\$194,208	1	1	25	0	0.0%
Wallace	29	\$35,576	1	1	10	1	100.0%
All Steel Wheel Vehicles				11	21	6	54.5%
Bridgemaster	17	\$1,352	1	1	14	1	100.0%
Chevy	7	\$22,309	30	30	14	10	33.3%
Chrysler	13	\$94,910	2	2	14	0	0.0%
Clarke-America	38	\$74,350	2	2	14	2	100.0%
Dodge	9	\$22,861	42	42	14	10	23.8%
Ford	7	\$32,354	122	122	14	32	26.2%
Freightliner	12	\$176,928	5	5	14	1	20.0%
Geismar	17	\$1,352	1	1	14	1	100.0%
GMC	19	\$54,364	3	3	14	3	100.0%



MANUFACTURER	AGE	COST/ UNIT	QTY TOTAL	QTY ACTIVE	ULB	QTY ≥ ULB	% ≥ ULB
Gooseneck	17	\$1,352	1	1	14	1	100.0%
International	21	\$151,426	2	2	14	2	100.0%
Jeep	1	\$25,054	1	1	14	0	0.0%
Kenworth	4	\$178,331	4	4	14	0	0.0%
King trailers	37	\$3,989	1	1	14	1	100.0%
Nissan	2	\$20,705	23	23	14	0	0.0%
Sterling	16	\$180,783	10	10	14	2	20.0%
Taylor-Dunn	38	\$19,451	1	1	14	1	100.0%
All Trucks and Other Rubber Tire Vehicles			251	251	14	67	26.7%
All Vehicles			357	357	14	94	26.3%

Note. Vehicle fuel type not reported.
 Source: DTPW NTD Forms A-35, A-90.

2.3 Facilities

Facilities capital assets include all passenger station, parking structures, administrative buildings, and maintenance facilities used by an agency to provide public transportation services. The assets reported to NTD also include structures that are part of a complex.¹⁶ Overall, DTPW currently has multiple complexes and considers any facility asset in a state of good repair if it attains a score of three or higher (out of five) on the FTA’s Transit Economic Requirements Model (TERM) scale.¹⁷ Currently, there are at least 57 out of 59 passenger and parking facilities (96.6 percent) with a TERM rating above three and all the maintenance and administration facilities have a rating above three. Therefore, at least 96.8 percent of all DTPW’s facilities are in a state of good repair.

Since 2018, two (2) more parking facilities have been added, which increased the total DTPW facility count. In addition, the 2018 condition assessment only included 23 fixed guideway stations, as no more than one third was required for assessments. At that time, all the facilities assessed were rated above three in TERM

¹⁶ In this TAM Plan, a complex is a large facility that has a unique address and encompasses multiple smaller facilities. For example, Brownsville Metrorail Station, located at 5200 NW 27th Avenue, is a complex that includes Brownsville Parking Garage, which shares the same address as the Metrorail station

¹⁷ TERM scale scores are reported as integers, with overall ratings from multiple assets (if applicable) rounded to the nearest whole number. For each facility, any equipment that is integral to the building is considered part of the facility for the purposes of the condition assessment.



scale and therefore in a state of good repair. As of January 2022, DTPW has the following passenger and parking facilities (including smaller facilities that share the same address with larger facilities):¹⁸

- Three Metrobus facilities;
- One Metrorail facility; and
- Two Metromover facilities.

At the time of this TAM Plan update, there are other facility upgrades and reconstruction in progress and planned. As a result, addresses and facility categories reported here may change, and the facility condition scores may also be impacted. The next sections detail facility inventory and conditions by mode.

2.3.1 Metrobus

Metrobus contains 16 passenger and parking facilities. Rated on the TERM scale, nine of these facilities are rated as four; four park and ride facilities are rated as three, and two park and ride stations that were previously owned by Florida Department of Transportation are to be assessed in fiscal year 2023. There is one newly opened facility that is rated as approximately five. The three administrative and maintenance facilities of Metrobus are both rated above four. Accordingly, all Metrobus facilities already assessed are in a state of good repair, with an average TERM scale as 3.9. The reported data are presented in Table 2-6.

Table 2-6: Metrobus Facilities

Facility Type	Facility	TERM Scale
Passenger and Parking	254 SW 344th Street (Park & Ride)	3.2
	Busway - SW 244th Street Park & Ride	2.8
	Dolphin Mall Park & Ride Bus Transfer Station	NA*
	Golden Glades Park and Ride	3.0**
	I-75 & Miami Gardens Dr. (Park & Ride)	NA*
	Seventh Avenue Transit Village (Audrey M. Edmonson)	4.5
	SW 112th Avenue (Next To Target) (Park & Ride)	4.4
	SW 152nd Street (Park & Ride)	4.0
	SW 168th Street (Park & Ride)	3.0

¹⁸ For internal tracking purposes, DTPW differentiate the inventory assessed from different periods or cycles. The data as of January 2022 includes DTPW’s Cycle 1 facility assessments, which was conducted before 2018, as well as the remaining assessments (“Cycle 2”) conducted since.



Facility Type	Facility	TERM Scale
	SW 296th Street (Park & Ride)	3.8
	Tamiami Station Park and Ride	NA**
	West Kendall Transit Terminal Bus Transfer Center	4.3
	Coral Reef Drive / Florida's Turnpike (Park & Ride)	4.0***
	Hammocks Town Center (Park & Ride)	4.0***
	Kendall Drive And 150 Avenue (Park & Ride)	4.0***
	Miami Gardens Park & Ride	3.0***
	Passenger and Parking Facilities	3.8
Administration and Maintenance	Central Administration Building and Bus Facility	4.6
	Coral Way Bus Facility and Transportation Building	4.5
	Northeast Bus Facility and Transportation Building	4.6
	Maintenance and Administration Facilities	4.6
	All Metrobus Facilities	3.9

Note: * Two assets previously owned by Florida Department of Transportation (FDOT) until FY2022 and will be assessed in the following fiscal year. ** Asset will become a multimodal terminal and will be reassessed in the following fiscal year. *** NTD data from Cycle 1 condition assessment completed prior to 2018.

Source: DTPW NTD Forms A-15; A-90. Asset Inventory Summary FY 2021-2022.

2.3.2 Metrorail

For Metrorail facilities, all 23 stations, 5 pedestrian overpasses, and 1 combined administration/maintenance facility are in a state of good repair, with an average rating of 4.1 as indicated in Table 2-7.

Table 2-7: Metrorail Facilities

Facility Type	Facility	TERM Scale
Passenger and Parking, Overpasses	Allapattah Metrorail Station	4.1
	Brickell Metrorail Station	4.1
	Brownsville Metrorail Station	3.8
	Civic Center Metrorail Station	4.0
	Coconut Grove Metrorail Station	4.1
	Culmer Metrorail Station	4.0
	Dadeland North Metrorail Station	4.2



Facility Type	Facility	TERM Scale
	Dadeland South Metrorail Station	4.0
	Douglas Road Metrorail Station	3.9
	Douglas Road Metrorail Station Overpass	4.3
	Dr. Martin Luther King, Jr. Metrorail Station	3.6
	Earlington Heights Metrorail Station	4.2
	Government Center Metrorail Station	4.4
	Hialeah Metrorail Station	4.2
	Hialeah Metrorail Station Overpass	4.5
	Historic Overtown/Lyric Theatre Metrorail Station	4.2
	Miami International Airport (MIC) Metrorail Station	4.1
	Northside Metrorail Station	3.9
	Okeechobee Metrorail Station	4.0
	Palmetto Metrorail Station	3.7
	Santa Clara Metrorail Station	4.2
	Snapper Creek Expressway Overpass	4.3
	South Miami Metrorail Station	4.1
	Tri-Rail Metrorail Station	3.6
	University Metrorail Station	4.3
	University Pedestrian Overpass	4.7
	Vizcaya Metrorail Station	4.5
	Vizcaya Pedestrian Overpass	4.3
	Passenger, Parking, and Overpasses	4.1
Administration and Maintenance	Palmetto Yard (William Lehman Center)	4.0*
	Maintenance and Administration Facilities	4.0*
	All Metrorail Facilities	4.1

Note: * NTD data from Cycle 1 condition assessments completed prior to 2018.
 Source: DTPW NTD Forms A-15; A-90. Asset Inventory Summary FY 2021-2022.



2.3.3 Metromover

In terms of Metromover assets, all 21 passenger stations and two (2) maintenance facilities are in a state of good repair, with an average rating of 4.3 as indicated in Table 2-8.

Table 2-8: Metromover Facilities

Facility Type	Facility	TERM Scale
Passenger and Parking	Adrienne Arsht Center (Formerly Omni) Metromover Station	4.3
	Bayfront Park Metromover Station	4.5
	Brickell City Centre (Eighth Street) Metromover Station	4.4
	Brickell Metromover Station	4.5
	College/Bayside Metromover Station	4.2
	College/North Metromover Station	4.3
	Eleventh Street Metromover Station	4.4
	Fifth Street Metromover Station	4.0
	Financial District Metromover Station	4.0
	First Street Metromover Station	4.1
	Freedom Tower Metromover Station	4.5
	Government Center Metromover Station*	4.0**
	Knight Center Metromover Station	4.2
	Miami Avenue Metromover Station	4.5
	Museum Park (formally Bicentennial Park) Metromover Station	4.6
	Park West Metromover Station	4.5
	Riverwalk Metromover Station	4.3
	School Board Metromover Station	4.0
	Tenth Street (Promenade) Metromover Station	4.2
	Third Street Metromover Station	4.0
Wilkie D. Ferguson, Jr. (formally Arena State Plaza) Metromover Station	4.4	
Passenger and Parking Facilities	4.3	
Administration and Maintenance	Mover Car Washer Building (School Board Station)	4.0



Facility Type	Facility	TERM Scale
	Mover Maintenance & Storage (Joseph A. Bryant) Building	4.0**
	Maintenance and Administration Facilities	4.0
	All Metromover Facilities	4.3

Note. *Primarily a Metrorail station that serves Metromover as well as Metrobus. ** NTD data from Cycle 1 condition assessments completed prior to 2018.

Source: DTPW NTD Forms A-15; A-90. Asset Inventory Summary FY 2021-2022.

2.4 Infrastructure

2.4.1 Fixed Guideway

Per TAM Plan requirement, DTPW calculates the average percent of track miles that are under performance restriction, regardless of the cause of the restriction. Track segments are considered under performance restriction when the maximum permissible speed for passenger rail vehicles on that segment is below the guideway’s full-service speed.¹⁹

The percentage of track miles under performance restriction is only 0.04 percent, which is less than one percent (0.03 miles of 69.0 miles) as shown in Table 2-9.

Table 2-9: Performance Restriction by Mode

Guideway Mode	Track Miles	Track Miles under Performance Restriction	Percentage under Performance Restriction
Metromover	9.5	-	-
Metrorail	59.5	0.03	0.05%
All Transit Way	69.0	0.03	0.04%

Source: DTPW NTD Forms A-20; A-90.

2.4.2 Superstructures and Substructures

Beyond the requirement of the TAM Plan, DTPW conducts assessment for bridges and other superstructures, such as concrete columns, retaining walls, and girders, and others. All elevated structural elements are inspected by DTPW’s Structural Inspection & Analysis Division every 24-months in accordance with the federal, state and local regulations and to satisfy the requirements set forth in the

¹⁹ The planned speed at time of installation at which vehicles can travel on a segment during normal operation, or the speed at which vehicles can travel on the segment absent any speed restriction on the segment.

<https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/regulations-and-guidance/asset-management/60356/tam-infrastructure-performance-measure-reporting-guidebook.pdf>. Accessed May, 2022.



Florida Statue 335.074 Safety Inspection of Bridges. Deficiencies are prioritized and reported depending on severity and safety concerns, starting from Condition State One (CS-1) to Condition State Five (CS-5) as condition worsens. The priority levels and Condition States are converted to TERM scale for FTA reporting purposes.

All Metromover superstructures are rated above three in TERM scale, and 88.7 percent of Metrorail superstructures are above that level. Therefore, 92.5 percent of DTPW superstructures are in good state of repair as shown in Table 2-10.

Table 2-10: Superstructures

Superstructure Mode	QUANTITY	Assets ≥ TERM Scale 3	% ≥ TERM Scale 3
Metromover	31	31	100%
Brickell Loop	10	10	100%
Inner Loop	9	9	100%
Omni Loop	12	12	100%
Metrorail	62	55	88.7%
Bridge 1	13	12	92.3%
Bridge 2	9	7	77.8%
Bridge 3	5	5	100%
Bridge 4	10	8	80%
Bridge 5	9	8	88.9%
Bridge 6	7	7	100%
Bridge 7	9	8	88.9%
ALL DTPW Superstructure	93	86	92.5%

Source: DTPW Asset Inventory Summary FY21-22 2-11-2022.xlsx

DTPW's Track & Guideway Division performed the track geometry (by directional route mile [DRM]) inspections annually and assesses the condition with a ranking system that describes repair urgency with one (1) as repair immediately to five (5) as no repair needed. The ranks are converted to the TERM scale for FTA reporting purpose. All the substructures of Metrorail are rated above three in TERM scale and in the good state of repair as shown in Table 2-11. The power rail runs parallel to the track and therefore its mileage is not added to the DRM.



Table 2-11: Substructures

Substructure	Sum of DRM	% ≥ TERM Scale 3
Metrorail	51.6	100%
Bridge 1	18.8	100%
Bridge 2	3.8	100%
Bridge 3	0.5	100%
Bridge 4	7.1	100%
Bridge 5	13.9	100%
Bridge 6	2.7	100%
Bridge 7	4.8	100%
ALL DTPW Substructure	51.6	100%

Source: DTPW Asset Inventory Summary FY21-22 2-11-2022.xlsx

In addition to guideways and bridges, DTPW relies on other important ancillary infrastructure assets.²⁰ At least 88.0 percent of the buildings are rated above three in TERM scale and in the state of good repair as shown in Table 2-12.²¹

Table 2-12: Infrastructure Summary – TPS, PDS and Gap Power Stations

Infrastructure Type	QUANTITY	QTY ≥ TERM Scale 3	% ≥ TERM Scale 3
Traction Power Substation	26	24*	92.3%
PDS Substation	21	20	95.2%
Gap Power Station	8	8	100%
All Infrastructure	55	52	94.5%

Source: DTPW Asset Inventory Summary FY21-22 2-11-2022.xlsx

Note. *Two TPSs are included in the inventory but yet to be assessed

²⁰ At the time of this TAM Plan update, only infrastructure buildings are included and not equipment.

²¹ Seven train control assets, 22 vital relay cabinets, and two TPSs are included in the inventory but yet to be assessed. These are therefore not included in computing percentage of assets exceeding TERM scale of three; though assessments are not required by TAM Final Rule.



2.5 Performance Measures and Lifecycle Management

As introduced in Chapter 1.2, the Asset Management Team under DTPW's Performance Analysis Division is responsible for establishing and directing TAM related activities and procedures. The team monitors, evaluates, and maintains the transit system performance and associated assets. Beyond NTD asset performance measures, DTPW maintains a Transportation and Mobility Strategic Area Scorecard as part of its annual business plan update.²² Key measures address:

- Customer mobility and satisfaction;
- Financial and budget targets;
- Infrastructure resilience and community sustainability; and
- Employee development and growth.

In terms of lifecycle management, DTPW had relied on a non-optimal worst first approach to maintain or replace assets, which ranked assets from worst to best condition, and then work down the list until funds were expended. Since 2018, the agency has transitioned from a legacy equipment administration system to Infor's Enterprise Asset Management System (EAMS). Maintenance and asset lifecycle records are stored in the new EAMS, which is also used by asset owners, assessors, and validators. The Asset Management Team coordinate with the Asset Management Support Team to enter performance and lifecycle management data in EAMS. The two teams:

- Coordinate reporting by third-party vendors, paratransit service providers, and regional municipalities;
- Prepare preventive maintenance schedules;
- Monitor and report on performance of all maintenance functions relative to quantity, quality and timeliness;
- Develop, administer and manage data collection, performance measures and compliance criteria;
- Forecast labor and material requirements for the future for significant labor/material intensive events;
- Initiate and provide information for improvements in system reliability, maintainability, and quality and maintenance program effectiveness;
- Monitor equipment status and performance; provide early warning of major impact events;
- Analyze data to determine root causes and provide solutions;
- Research records and prepare special ad hoc reports as required for reliability, maintainability, quality and risk management analysis purposes;

²² Departmental Business Plan and Outlook. FY2020-21 & FY2021-22.

<https://www.miamidade.gov/performance/library/business-plans/FY-2021-22-transit.pdf>. Accessed July 27, 2022.



- Monitor effectiveness, cost and appropriateness of the approved preventive maintenance program and initiate program revisions when necessary;
- Decommission and sell assets;
- Receive, process, and input into EAMS all maintenance actions to maintain up-to-date equipment records for all serialized equipment, components and assemblies; and
- Develop daily, weekly, and monthly performance reports.

Other TAM support files are stored in an electric data management system (EDMS). The County's **INtegrated Financial Resources Management System** (INFORMS) is used for budget, procurement, human resources, and financial operations. INFORMS replaced the County's financial and administrative systems, all human resources systems, time & leave and payroll applications, as well as upgraded Hyperion (budget analysis tool or BAT). It runs various Oracle ERP software products, including PeopleSoft v9.2.



Chapter 3. INVESTMENT PRIORITIZATION

The TAM Rule requires a description of decision support tools...

A description of analytical processes or decision-support tools that a provider uses to estimate capital investment needs over time develop its investment prioritization.

And specific requirements for investment prioritization.

A TAM plan must (a) include an investment prioritization that identifies a provider's programs and projects to improve or manage over the TAM plan horizon period the state of good repair of capital assets for which the provider has direct capital responsibility. (b) A provider must rank projects to improve or manage the state of good repair of capital assets in order of priority and anticipated project year. (c) A provider's project rankings must be consistent with its TAM policy and strategies. (d) When developing an investment prioritization, a provider must give due consideration to those state of good repair projects to improve that pose an identified unacceptable safety risk when developing its investment prioritization. (e) When developing an investment prioritization, a provider must take into consideration its estimation of funding levels from all available sources that it reasonably expects will be available in each fiscal year during the TAM plan horizon period. (f) When developing its investment prioritization, a provider must take into consideration requirements under 49 CFR 37.161 and 37.163 concerning maintenance of accessible features and the requirements under 49 CFR 37.43 concerning alteration of transportation facilities.

DTPW uses a number of processes for decision-making and they often begin with regional coordination. The agency develops, coordinates, and operates the County's transit networks with a goal of improving mobility to create a resilient and sustainable community for all. It works closely with the Federal Transit Administration (FTA), the Florida Department of Transportation (FDOT), the Transportation Planning Organization (TPO), the Citizens' Independent Transportation Trust (CITT), the South Florida Regional Transportation Authority (SFRTA), citizen advocacy groups, and other transportation stakeholders.²³ DTPW also partners with other local, state, and federal agencies to ensure regulatory compliance and cooperation on large scale infrastructure initiatives.

²³ SFRTA is the successor agency of the Miami-Dade Expressway Authority (MDX). <https://www.miamidade.gov/budget/library/fy2021-22/adopted/transportation-and-public-works.pdf>. Accessed June 3, 2022.



3.1 Investment Prioritization Methodology

DTPW budgets at same level of operations from previous year, plus capital enhancements. Enhancement projects are funded by People's Transportation Plan (PTP) dollars.²⁴ If PTP becomes ineligible, DTPW backfills projects with other funds to meet project requirements. An independent decision-making body, the Citizens' Independent Transportation Trust (CITT), oversees the construction and management of the PTP's transportation plan. DTPW works closely with the CITT to provide a wide range of roadway and neighborhood improvements.

As part of its investment strategies and prioritization of projects for asset management, DTPW uses Infor EAMS and Infrastructure Replacement Program (IRP) to evaluate asset needs. It also uses a 40-Year Financial Pro-Forma to evaluate constraints and long-term programs. Since 2018, the agency has replaced its accounting system from FAMIS TO INFORMS. Its project prioritization relies on a Project Prioritization and Budget Approval (PPBA) process.

PPBA is a qualitative and quantitative roadmap to prioritize the list of projects. The process identifies project category, project prioritization criteria, and funding availability. Since 2018, the process has been streamlined and updated to incorporate the criteria of *environment, economy, equity, and engagement*, along with the *Mayor of Miami-Dade County's mobility pillars*. In addition, DTPW uses criteria such as: *safety, security, criticality to operations, legal commitment, cost effectiveness, and comfort/convenience*, with safety as its top priority. The CITT has also requested other information such as project baseline cost, subsequent estimates, and schedule, to be taken into considerations.

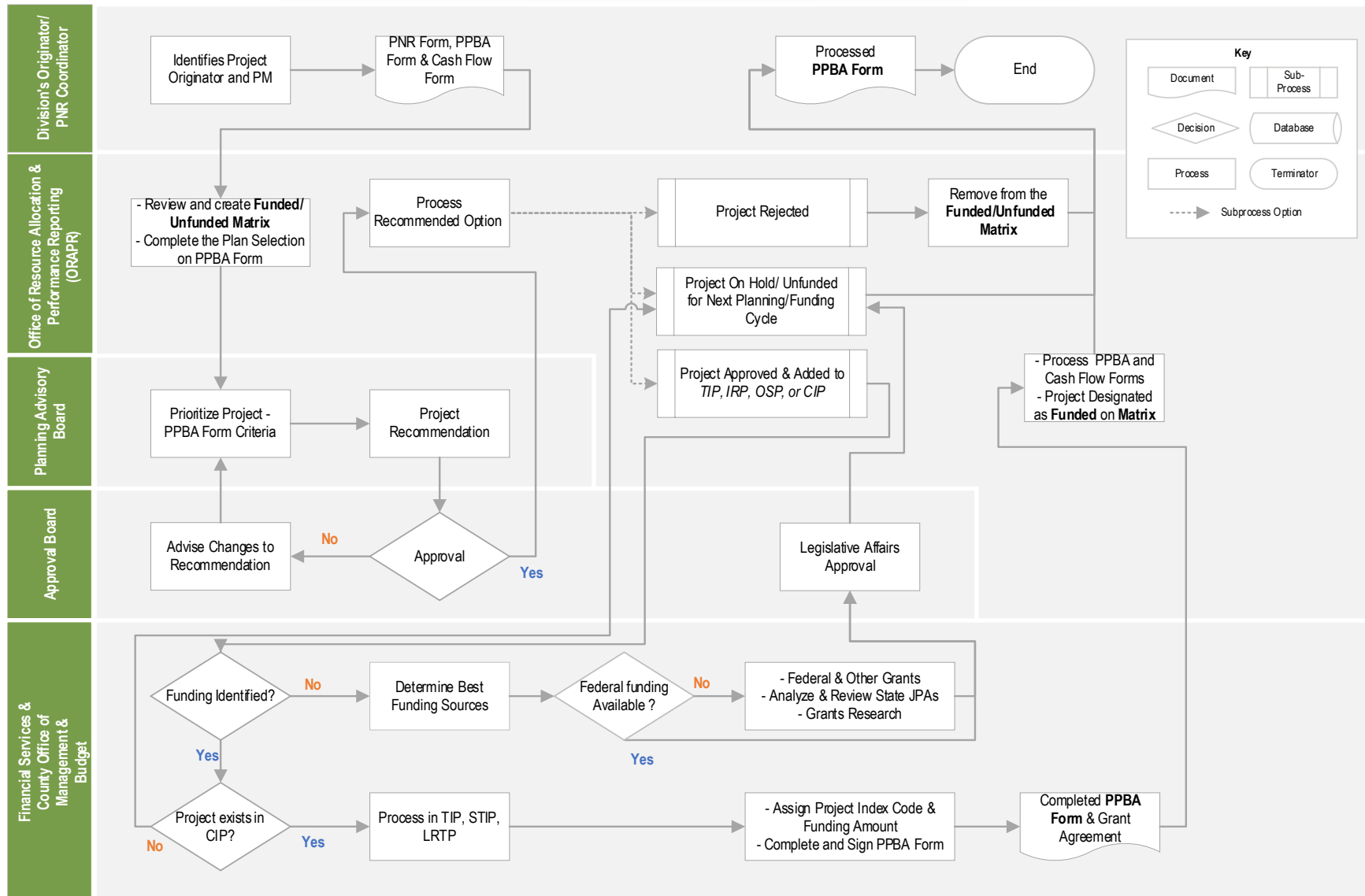
The process is initiated by project manager by filling out the PPBA form. The DTPW Asset Management Program team meets as needed to prioritize and assign funding to infrastructure projects for existing facilities and asset modes. Projects are typically prioritized based on life-safety concerns and minimizing lifecycle costs. The top 10 projects are presented to divisions chiefs for ranking but criticality depends on the 40-Year Financial Pro-Forma. DTPW Deputing Director and the Planning Advisory Board approves the final list of projects.

A flowchart of the project prioritization process is shown in Figure 3-1.

²⁴ On the November 5, 2002 ballot, voters approved the People's Transportation Plan (PTP), which provides for a half percent sales surtax to fund major transportation improvements. http://www.interactip.com/?page_id=138. Accessed June 3, 2022.



Figure 3-1: Prioritization Flowchart





3.2 Project-Based Prioritization of Investments

DTPW's list of prioritized projects are categorized into: Capital Improvement Plan (CIP), Infrastructure Renewal Program (IRP), Miscellaneous Project Support (MPS), Operational Support Projects (OSP), and Administrative (ADM). These projects are reported in Table E-1 through Table E-5 in Appendix E. List of Prioritized Projects, respectively. Project highlights include:

- Five rapid transit corridors and a network system of Bus Express Rapid Transit (BERT) service as part of the Strategic Miami Area Rapid Transit (SMART) Program²⁵
- \$153 million Metromover system enhancements²⁶
- A multimodal urban trail called the Underline that provides walkable and bikeable corridor that improves connectivity between surrounding neighborhoods²⁷
- Metrorail refurbishment to enhance Dadeland South Metrorail Station, Government Center, Civic Center and Earlington Heights
- Aventura Park-and-Ride facility with 100 surface parking spaces

And other SGR projects as listed in the Transit Development Plan Annual Progress Report.²⁸

3.3 Funding Considerations

Funding has not been a limitation for DTPW to bring assets into a state of good repair. In 2021, Miami-Dade County has leveraged the following federal programs, including²⁹:

- \$125M in formula funds from:
 - Urbanized Area Formula Grants (49 US §5307 and §5336): \$86 million
 - State of Good Repair Grants (49 USC §5337): \$32 million
 - Bus and Bus Facilities Formula (49 USC §5339a): \$7 million
- \$142 million in competitive grant programs for the SMART) Plan³⁰
- \$44 million in competitive grant programs for other projects

²⁵ <https://www.miamidade.gov/transit/library/smart-program-implementation-plan.pdf>. Accessed June 23, 2022.

²⁶ https://www.miamidade.gov/global/news-item.page?Mduid_news=news1631628513942563. Accessed June 23, 2022.

²⁷ <https://www.miamidade.gov/global/transportation/the-underline.page>. Accessed June 23, 2022.

²⁸ <https://www.miamidade.gov/transit/library/transit-development-plan-annual-report.pdf>. Accessed June 23, 2022.

²⁹ https://www.miamidade.gov/citt/library/2021/ffm_presentation_2021_11_15.pdf. Accessed June 23, 2022.

³⁰ \$29.5 million from American Rescue Plan; \$100 million from FTA Capital Investment Grant "Small Starts"; \$2.9 million from Transit Oriented Development program 20005b; and \$9.5 million from Rebuilding American Infrastructure with Sustainability and Equity program.



The \$1 trillion Infrastructure Investment and Jobs Act (IIJA) of 2021 is expected to provide Miami-Dade County with the following sums above the fiscal year 2021 baseline:

- \$23 million in Urbanized Area Formula (49 US §5307)
- \$13 million in SGR Grants (\$25 million with supplemental appropriations)
- \$3 million in Bus and Bus Facilities Formula (\$25 million with supplemental appropriations)
- Other increases in formula programs

Other new funding programs under IIJA that DTPW may consider include:

- \$7.5 billion in Low-Carbon and Zero-Emission School Buses & Ferries
- \$1 billion in Active Transportation Infrastructure Investment Program
- \$500 million in Reconnecting Communities Pilot Program
- \$500 million in Healthy Streets Program
- \$500 million in Strengthening Mobility and Revolutionizing Transportation Grant Program
- \$250 million in Congestion Relief Program

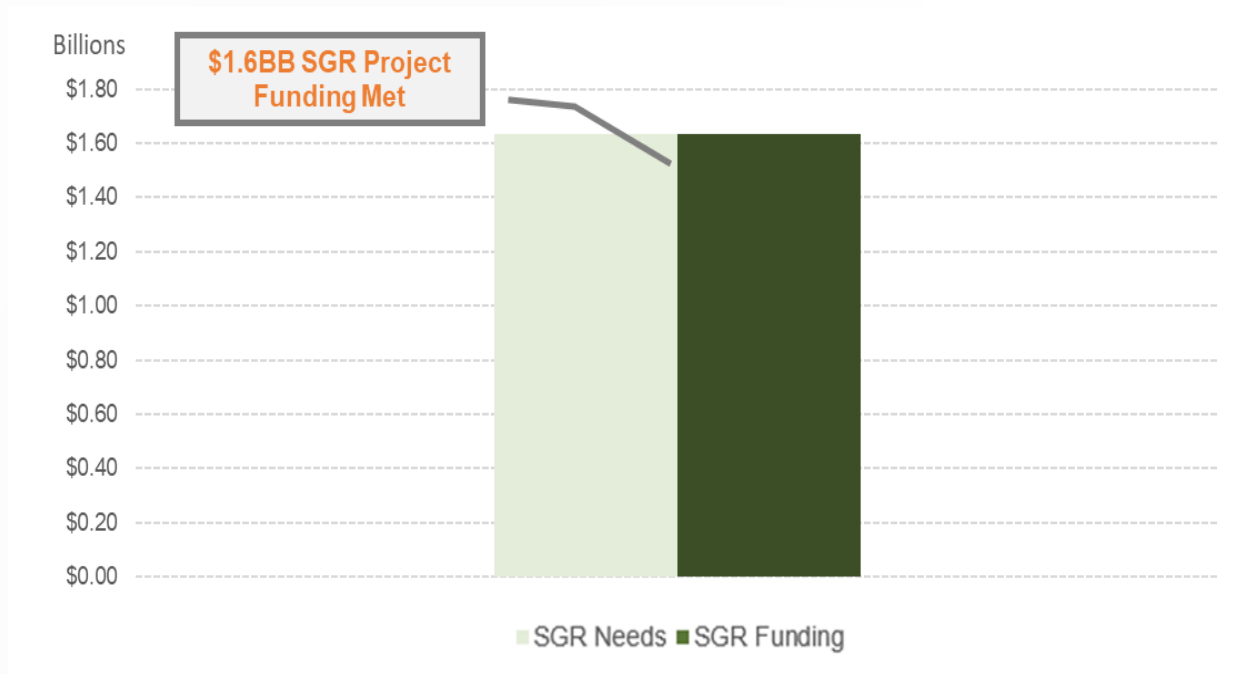
The department's project needs and funding from the Transit Development Plan 10-Year Implementation are depicted in Figure 3-2 and Figure 3-3. Figure 3-2 shows that SGR funding needs over the next 10 years will be met, including the IRP which is funded at a level of \$12.5 million per year.³¹

In terms of operating and capital funds, \$951.4 million of capital and \$57.6 million of operations projects, which total to \$1.01 billion, are funded. However, as reported in Figure 3-3, there will be \$211.7 million of unfunded operations projects and \$6.8 billion of unfunded capital projects, which total to \$7.0 billion of unfunded project needs.

³¹ Transit Development Plan 10-Year Implementation. <https://www.miamidade.gov/transit/library/transit-development-plan-annual-report.pdf>. Accessed June 23, 2022.

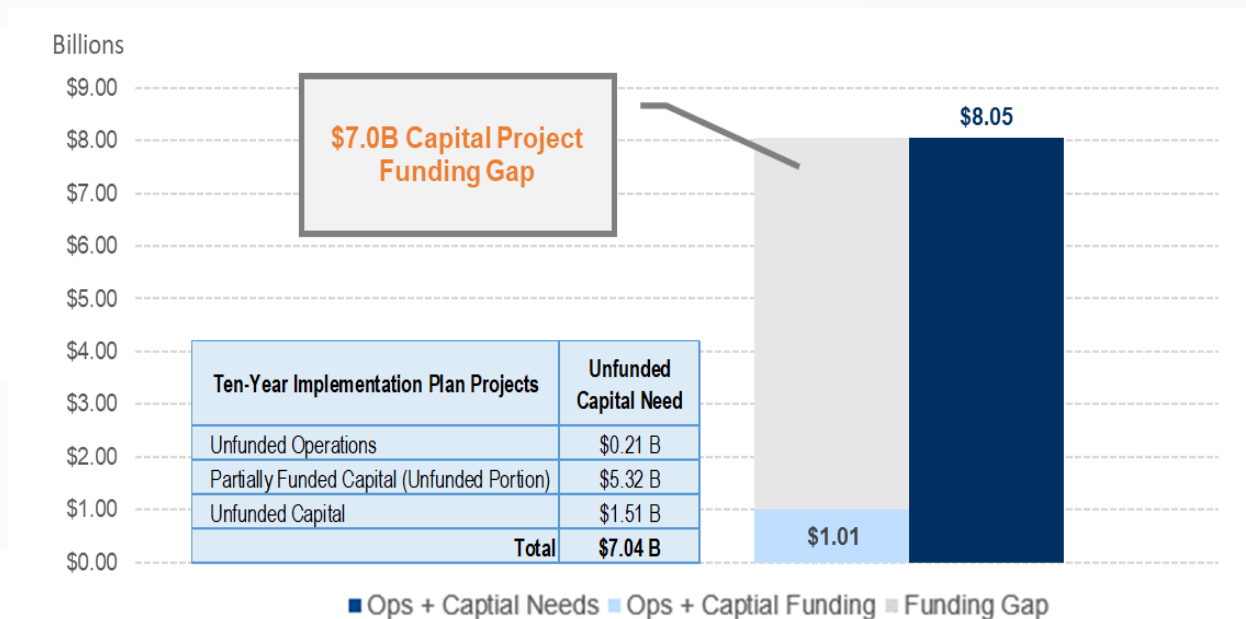


Figure 3-2: SGR Project Needs & Funding FY 2022 – 2031



Source: Transit Development Plan FY 2022 – 2031

Figure 3-3: Capital Project Needs & Funding FY 2022 – 2031



Source: Transit Development Plan FY 2022 – 2031

DTPW will leverage additional federal assistance available through IIJA for project funding. Especially, as starting October 1 of 2022, state law will further restrict the use of transportation sales tax for projects. If



a project is already listed in the original PTP, it will continue to be eligible. At the time of this plan development, it is expected that primarily public works projects will be impacted.

3.4 Risk Management

A thorough risk management process improves safety, security, operations, the environment, and goodwill, as well as reduces potential liabilities and financial outlays. DTPW's risk management is the process of identifying, analyzing, evaluating, mitigating, and monitoring risks, as well as opportunities, related to their assets. A TAM risk register was developed in 2018 and is updated periodically by the TAM Program team members. A version from February 2022 is provided in Appendix B. Risk Register. Key risks include:

- Staffing and resource allocation;
- Training and knowledge transfer; and
- Impact of global pandemic to operations.

Mitigation actions for these risks are addressed in the TAM Implementation Plan in the next chapter.



Chapter 4. IMPLEMENTATION STRATEGY: PROGRESS AND CONTINUOUS IMPROVEMENT

The TAM Rule requires an implementation strategy.

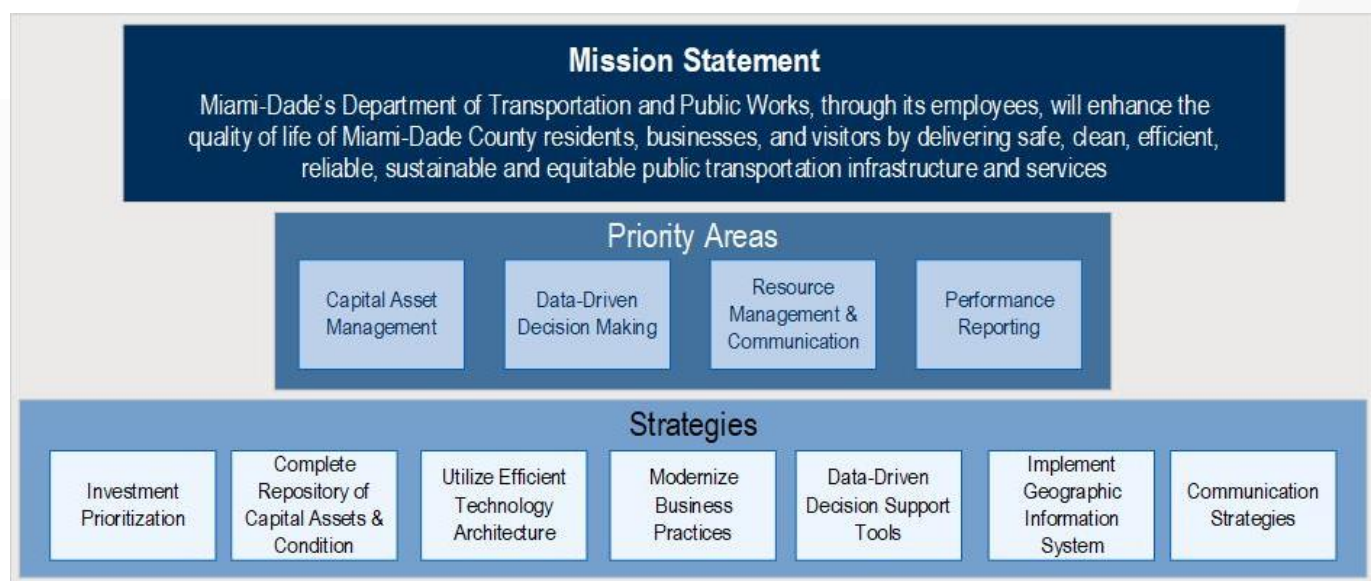
A TAM plan must include... a provider’s TAM plan implementation strategy; a description of key TAM activities that a provider intends to engage in over the TAM plan horizon period; a summary or list of the resources, including personnel, that a provider needs to develop and carry out the TAM plan; and an outline of how a provider will monitor, update, and evaluate, as needed, its TAM plan.

DTPW’s planned implementation strategy follows what has been successful in the past:

1. Implement a single agency-wide system for asset replacement based on asset age, condition, priority, and performance
2. Establish a systematic program to prioritize and identify assets for replacement or rehabilitation
3. Provide an information platform for asset reporting and tracking

Since the 2018 TAM Plan, DTPW has updated its mission and TAM priorities and strategies (Figure 4-1). Within four (4) years, the TAM Program team has optimized its resources to streamline and update its TAM implementation so that TAM activities can be carried out effectively and efficiently.

Figure 4-1. Department Mission and TAM Priorities





4.1 Key TAM Activities 2018-2022

Key activities in the implementation plan include enhancement of agency risk management, integration of assets into an Enterprise Asset Management System (EAMS), and utilization of data-driven decision support tools. Specifically, the TAM Program Team has successfully implemented the following from its 2018 implementation plan (Figure 4-2).

Figure 4-2: TAM Implementation Accomplishments

Implementation Task	Impact
✓ Integrated risk management agency-wide and expedited potential unforeseen risk	» Improve lifecycle management planning
✓ Incorporated enhanced safety protocols for the overall infrastructure from the global pandemic	» Maintain service safety » Improve customer satisfaction
✓ Implemented a condition/reliability program	» State of Good Repair Formula Program compliance & success
✓ Enhanced asset inventory register and performance measures by developing a complete inventory from a modified list from Financial Services, conducting physical investigations into missing miles of tracks, identified and geo-located superstructures and substructures	» State of Good Repair Formula Program compliance & success
✓ Implemented condition/reliability program	» Improve lifecycle management planning » Develop agency TAM knowledge
✓ Improved asset performance in each category (excluding Metrorail performance restrictions) ³³	» State of Good Repair success
✓ Decommissioned, and sold inactive assets	» Improve lifecycle management planning
✓ Implemented a condition/reliability program that includes updating fleet management plans and facilities equipment & maintenance plan, developing condition assessment guidebook	» Improve lifecycle management planning
✓ Completed a series of TAM training guides for assessors and validators, and other internal staff (technicians and SMEs based on department and division)	» Develop agency TAM knowledge

Overall, the TAM Program has helped DTPW to increase transparency and transition to a proactive asset management approach.

³³ In 2022, 0.04 percent of transit way under performance restrictions as compared to zero percent in 2018.



4.2 Future TAM Activities 2022-2026

DTPW has updated its TAM implementation plan from 2018 by incorporating industry best practices and lessons learned. The plan is a set of business needs, actions, schedules, accountabilities, dependencies, and roles and responsibilities that can be implemented given adequate resources without changing priorities. The actions represent aspirational initiatives rather than funded commitments. The information is summarized in the form of a roadmap that strategically coordinates the flow of asset information throughout the organization. The implementation plan outlines six key areas: Transit Asset Management, Capital Asset Management, Performance Reporting, Data-Driven Decision Support Strategies, Resource Management, and Asset Management Program Review.

Under each of the TAM implementation areas, key business needs and specific actions are listed that have been streamlined and updated from 2018. An implementation schedule for each action is proposed and is documented in Table 4-1. Actions that are critical to FTA TAM compliance are noted as actions to be implemented now (Year 0-1). Other actions (Years 1-3 and beyond) are opportunities for further improvements.



Table 4-1. TAM Implementation Schedule

TAM Implementation Areas	Key Business Needs	Implementation Actions	Timeline	Year 0	Year 1	Year 2	Year 3 & Beyond
I. Asset Management Planning	A. Asset Management Roles and Responsibilities	1. Define roles and responsibilities from Asset Management Team. <i>Assume three-week effort, spread over two months</i>	2 months	→			
		2. Cross functional enterprise asset management coordination and planning. <i>Assume one-week effort, spread over six months</i>	6 months	→			
	B. Asset Management Policy and Strategies	1. Clarify responsibilities for Asset Owners. <i>Assume two-week effort, spread over three months</i>	3 months	→			
		2. Develop communication strategies throughout Agency. <i>Assume eight hours per month effort</i>	18 months	→			
II. Capital Planning & Management	A. Capital Asset Inventory	1. Identify and outline asset inventory specifications and categorize by reporting requirements (NTD, SGR, Condition Assessment, TAM). <i>Assume four-week effort</i>	12 months	→			
	B. Infrastructure Design Standards	1. Review changes in design standards. <i>Assume six-week effort, every year</i>	Ongoing	→	→	→	→
		2. Integrate design standards and asset lifecycle management strategies, if any. <i>Assume four-week effort, spread over two years</i>	Ongoing	→	→	→	→
C. Comprehensive Asset Management Plan	1. Develop a comprehensive asset management plan that integrate public works. <i>Assume at least three FTEs, spread over three to four years</i>	3-4 years	→	→	→	→	
III. Performance Reporting	A. Streamlining Reporting	1. Integrate state of good repair database, decision support tool, and reporting systems. <i>Assume two-week effort, every year</i>	Ongoing	→	→	→	→
IV. Data-Driven Decision Support Strategies	A. Technology Upgrades	2. Assess effectiveness of EAMS. Convert condition assessment program and associate with reliability program for every asset and subcomponent; incorporating the financial data. <i>Assume three-month effort for two staff members, spread over two-three years</i>	2-3 years		→	→	
V. Resource Management	A. Training and Development	1. Define critical skill sets for each asset class to support lifecycle management activities. <i>Assume three-week effort</i>	12 months	→			
		2. Ongoing condition assessment training for assessors and asset owners. <i>Assume one day (one hour per mode, for six assessment areas) once a year for 5-15 staff members</i>	Ongoing	→	→	→	→



TAM Implementation Areas	Key Business Needs	Implementation Actions	Timeline	Year 0 Year 1 Year 2 Year 3 & Beyond			
		3. Ongoing executive level training. <i>Assume one day once a year for 10 executives</i>	Ongoing				
VI. Asset Management Program Review	A. Evaluation and Improvement Plan	1. Determine additional data required to monitor and assess key aspects of the Program, reflecting updates when there is more than 40 percent change within the current plan. <i>Assume six-week effort in two years, to implement a whole new line of transportation (BRT, rail expansion, facilities, etc.).</i>	Ongoing				
		2. Monitor implementation plan. <i>Assume one day per quarter</i>	Ongoing				
		3. Update Risk Register. <i>Assume one day per quarter</i>	Ongoing				

The level of effort for each implementation action is estimated in terms of labor hours as reported in Table 4-2.³⁴ Also reported in the table is the responsible party (see legend) accountable for implementation.

Table 4-2. TAM Implementation Resource Needs



TAM Implementation Areas	Key Business Needs	Implementation Actions	Annual Labor Hours	FTE/ Resources Needed	AM Program	Advisory Board	Other Support
I. Asset Management Planning	A. Asset Management Roles and Responsibilities	1. Define roles and responsibilities from Asset Management Team. <i>Assume three-week effort, spread over two months</i>	30	0.01			
		2. Cross functional enterprise asset management coordination and planning. <i>Assume one-week effort, spread over six months</i>	10	0.00			
	B. Asset Management Policy and Strategies	1. Clarify responsibilities for Asset Owners. <i>Assume two-week effort, spread over three months</i>	20	0.01			
		2. Develop communication strategies throughout Agency. <i>Assume eight hours per month effort</i>	36	0.02			

³⁴ One full-time equivalent (FTE) is 2,080 hours per year.






TAM Implementation Areas	Key Business Needs	Implementation Actions	Annual Labor Hours	FTE/ Resources Needed	AM Program	Advisory Board	Other Support
II. Capital Planning & Management	A. Capital Asset Inventory	1. Identify and outline asset inventory specifications and categorize by reporting requirements (NTD, SGR, Condition Assessment, TAM). <i>Assume four-week effort</i>	40	0.02			
	B. Infrastructure Design Standards	1. Review changes in design standards. <i>Assume six-week effort, every year</i>	240	0.12			
		2. Integrate design standards and asset lifecycle management strategies, if any. <i>Assume four-week effort, spread over two years</i>	80	0.04			
C. Comprehensive Asset Management Plan	1. Develop a comprehensive asset management plan that integrate public works. <i>Assume at least three FTEs, spread over three to four years</i>	6,240	3.00				
III. Performance Reporting	A. Streamlining Reporting	1. Integrate state of good repair database, decision support tool, and reporting systems. <i>Assume two-week effort, every year</i>	80	0.04			
IV. Data-Driven Decision Support Strategies	A. Technology Upgrades	2. Assess effectiveness of EAMS. Convert condition assessment program and associate with reliability program for every asset and subcomponent; incorporating the financial data. <i>Assume three-month effort for two staff members, spread over two-three years</i>	96	0.05			
V. Resource Management	A. Training and Development	1. Define critical skill sets for each asset class to support lifecycle management activities. <i>Assume three-week effort</i>	30	0.01			
		2. Ongoing condition assessment training for assessors and asset owners. <i>Assume one day (one hour per mode, for six assessment areas) once a year for 5-15 staff members</i>	80	0.04			
		3. Ongoing executive level training. <i>Assume one day once a year for 10 executives</i>	80	0.04			
VI. Asset Management Program Review	A. Evaluation and Improvement Plan	1. Determine additional data required to monitor and assess key aspects of the Program, reflecting updates when there is more than 40 percent change within the current plan. <i>Assume six-week effort in two years, to implement a whole new line of transportation (BRT, rail expansion, facilities, etc.).</i>	120	0.06			



TAM Implementation Areas	Key Business Needs	Implementation Actions	Annual Labor Hours	FTE/ Resources Needed	AM Program	Advisory Board	Other Support
		2. Monitor implementation plan. <i>Assume one day per quarter</i>	32	0.02			
		3. Update Risk Register. Assume one day per quarter	32	0.02			
Total Annual Hours			7,246				

Legend

-  Asset Management Support
-  Asset Program Team
-  Approval & Other Support



4.3 Resources

To implement the key activities, DTPW may need to enlist additional resources beyond those already designated for TAM duties. The resources may include additional personnel and funding needs. DTPW may hire additional employees or identify current employees who are able to take on additional duties. Table 4-3 details the Full-Time Employees (FTE) needed to implement all key activities by business process. As previously mentioned, the TAM implementation plan is a set of business needs, actions, schedules, accountabilities, dependencies, and roles and responsibilities that can be implemented given adequate resources without changing priorities. It represents aspirational initiatives rather than funded commitments.

Table 4-3. FTE Allocation by Implementation Areas

TAM Implementation Areas	FTE Needs		Total FTE Needs	FTE Equivalent Cost
	Short Term (<2 Years)	Long Term (> 2 Years)		
Asset Management Planning	0.05	0.00	0.05	\$7,484
Capital Planning & Management	1.60	1.58	3.17	\$514,528
Performance Reporting	0.02	0.02	0.04	\$6,237
Data-Driven Decision Support Strategies	0.02	0.02	0.05	\$7,484
Resource Management	0.05	0.04	0.09	\$14,812
Asset Management Program Review	0.04	0.04	0.09	\$14,344
Total	1.78	1.70	3.48	\$564,889

Note. As documented in the Final Rule for wage calculations, a wage of \$69.64 (fully loaded for Operations Specialties Manager for Urban Transit Systems (NAICS 485100)) for in-house staff from the Bureau of Labor Statistics is used. Rates are updated from 2016 to 2022 dollars using price deflator from the Bureau of Economic Analysis. One FTE is 2,080 hours per year.



4.4 Monitoring and Evaluation Plan

DTPW is committed to periodically review and revise the TAM Plan to ensure that it continues to align with regional strategic goals, complies with FTA requirements and, most importantly, improves the safety and reliability of its assets. Specifically, the agency will:

- Update TAM Plan at least once every four (4) years;
- Document and respond to comments made by FTA;
- Conduct annual TAM meetings led by the Accountable Executive and/or Designee to review progress toward goals and performance measures. The Accountable Executive and/or Designee will also approve the annual performance targets at these meetings;
- Set performance target for the following fiscal year together with NTD reporting preparations;
- When possible, coordinate performance target reporting and annual review with regional partners;
- Engage stakeholders on a periodic basis and address comments from stakeholders;
- Update the TAM Plan to reflect key inventory changes;
- Address findings of internal and external audits (if any); and
- Perform periodic reviews of all vendor and contractor contracts to address issues if necessary and incorporate any updates that are reflected in the TAM Plan.

LIST OF APPENDICES

Appendix A. Inventory & Condition Assessment

Appendix B. Risk Register

Appendix C. Acronyms

Appendix D. Glossary

Appendix E. List of Prioritized Projects

Appendix F. SGR Project Needs & Funding FY 2022 – 2031

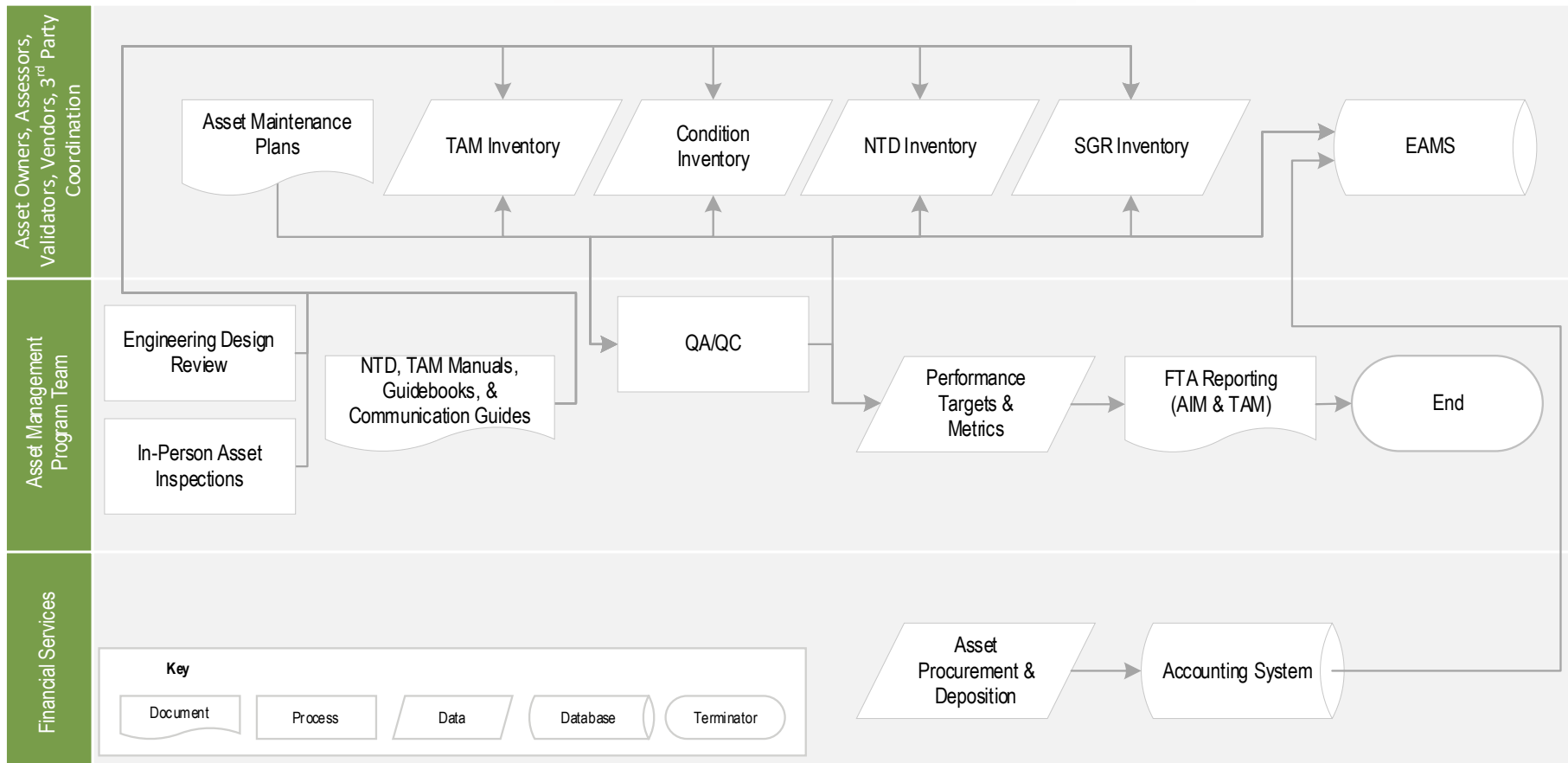
**Appendix G. Capital Project Needs & Funding FY 2022 –
2031**

Appendix H. TAM Plan Revisions Log

APPENDIX A. INVENTORY & CONDITION ASSESSMENT PROCEDURES

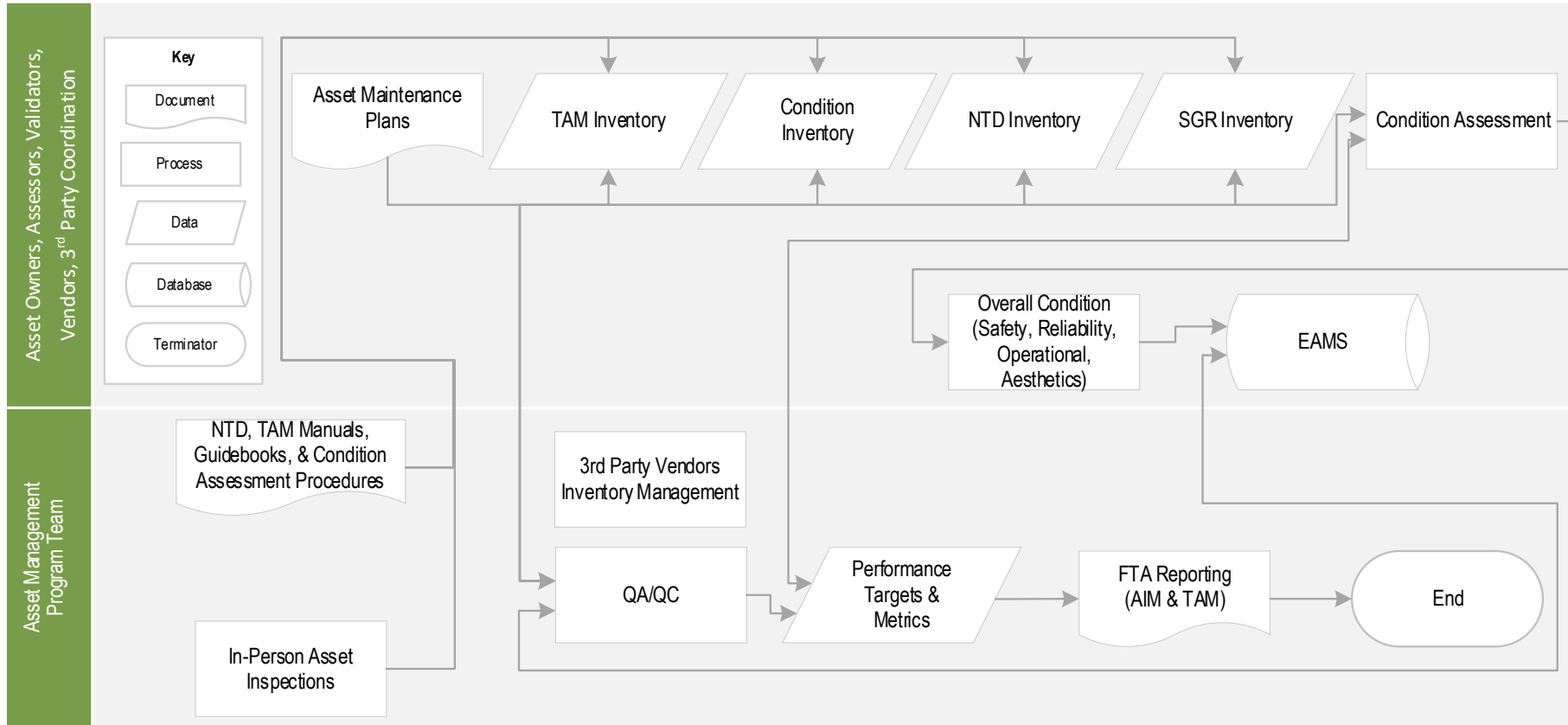


The following inventory process summary is derived from interviews with DTPW staff.





The following condition assessment summary is derived from DTPW's Standard Operating Procedure (SOP) PR-AD-014, dated May 2017.



APPENDIX B. RISK REGISTER



DTPW RISK REGISTER																	
PROJECT NAME						TEAM MEMBERS						KAREN JOHNSON ; TAMMY DICKENS; SANDRA ARANGO					
DATE PREPARED				DATE UPDATED		DEPARTMENTS						TRANSPORTATION AND PUBLIC WORKS					
VERSION NUMBER						POINT OF CONTACT						KAREN JOHNSON					
RISK LOG OVERVIEW																	
RISK ID	DESCRIPTION	RISK TRIGGER	RISK OWNER	REPORT DATE	LAST UPDATED	COMPLIANCE IMPACT	COMPLIANCE PROBABILITY	COMPLIANCE RISK RATING (I X P)	SAFETY IMPACT	SAFETY PROBABILITY	SAFETY RISK RATING (I X P)	SERVICE IMPACT	SERVICE PROBABILITY	SERVICE RISK RATING (I X P)	RISK SCORE	RISK RESPONSE	RISK RESPONSE DESCRIPTION
THREAT																	
R137	Any Safety staff reduction(s) may affect the completion of required regulatory tasks, which could lead a regulatory penalties including loss of funding.	PERSONNEL	SAFETY	2/8/2019	7/1/2021	EXTREME - 5	LIKELY : .31 - .50	4.5	EXTREME - 5	LIKELY : .31 - .50	4.5	LOW - 2	LIKELY : .31 - .50	4.5	4.5	ACCEPT / TOLERATE	
R122	Not having knowledgeable and qualified staff for structural inspections creates a situation in which recognizing structural elements and their conditions is a challenge, therefore compromising the accuracy of the structural inventory and the actual condition of the inventory, which affects safety.	PERSONNEL	ENGINEERING, PLANNING AND DEVELOPMENT	8/1/2018	10/1/2018	EXTREME - 5	HIGHLY LIKELY : .51 - .89	4.5	EXTREME - 5	HIGHLY LIKELY : .51 - .89	4.5	EXTREME - 5	HIGHLY LIKELY : .51 - .89	4.5	4.5	AVOID / TERMINATE	
R134	Due to the limited knowledge base of personnel, the condition assessments may not be performed as required which could lead to overall potential inaccuracies of documentation.	TRAINING	OPERATIONS	8/1/2018	10/1/2018	NEGLECTIBLE - 1	RARE : 0 - .10	0.1	NEGLECTIBLE - 1	RARE : 0 - .10	0.1	NEGLECTIBLE - 1	RARE : 0 - .10	0.1	0.1	ACCEPT	Continue to provide training and support.
R116	Due to hiring restrictions that prevent hiring knowledgeable, skilled and experienced workers, which negatively affects the ability to preserve the condition of assets. Hiring practices related to positions represented by the Transport Workers Union (TWU), continues to degrade knowledge, skills, experience and ability of personnel. Hiring to TWU positions limits the applicant pool to TWU members, based on seniority.	INTERNAL POLICY	ADMINISTRATION	8/1/2018	11/1/2018	VERY HIGH - 4	HIGHLY LIKELY : .51 - .89	3.6	MEDIUM - 3	HIGHLY LIKELY : .51 - .89	2.7	VERY HIGH - 4	HIGHLY LIKELY : .51 - .89	3.6	3.3	AVOID / TERMINATE	
R118	Due to lack of funding related to long term Budget forecasting, systems and subsystems replacement may not be scheduled and funded adequately to prevent obsolescence.	BUDGET	ADMINISTRATION	8/1/2018	11/1/2018	NEGLECTIBLE - 1	HIGHLY LIKELY : .51 - .89	0.9	LOW - 2	LIKELY : .31 - .50	1.1	VERY HIGH - 4	LIKELY : .31 - .50	2.1	1.07	TRANSFER	
R133	Due to potential disasters (i.e. Hurricanes, flooding, tornadoes), the equipment and facilities assessment may not be performed effectively, which could lead to the delay in repairs and/or replacement.	NATURAL DISASTERS	SAFETY AND SECURITY	8/1/2018	7/1/2021	LOW - 2	UNLIKELY : .11 - .30	0.6	LOW - 2	UNLIKELY : .11 - .30	0.6	LOW - 2	UNLIKELY : .11 - .30	0.6	0.6	ACCEPT / TOLERATE	Update natural disaster preparedness and monitor legislation and inform legislation of impacts.
R138	Pandemic. Public Transportation is utilized by a large number of people. Due to the long incubation time as well as mild or asymptomatic disease symptoms, high levels of CoV transmission has the potential to be carried via all modes of transportation, which could lead to loss of revenue, loss of personnel, increased operational costs, service interruptions and high mortality rate.	PANDEMIC	SAFETY AND SECURITY	4/1/2020	2/17/2022	MEDIUM-3	ALMOST CERTAIN >0.9	2.7	EXTREME - 5	LIKELY : .31 - .50	2.5	EXTREME - 5	ALMOST CERTAIN >0.9	4.5	3.2	MITIGATE	1. Mask mandate. 2. Frequency of vehicle desinfecting 3. Increase frequency of vehicles 4. Decreased maximum capacity (enacted social distancing) 5. Additional specialty routes for First Responders 6. Fare suspension (temporary) 7. Increase PPE for employees 8. Public transportation safety awareness campaign
R108	Due to the vast amount of assets stored in various locations, some assets may get misplaced or unaccounted for if a proper asset tracking system isn't being adhered to.	AVAILABILITY	ADMINISTRATION	8/1/2018	7/1/2021	NEGLECTIBLE - 1	LIKELY : .31 - .50	0.5	NEGLECTIBLE - 1	LIKELY : .31 - .50	0.5	NEGLECTIBLE - 1	LIKELY : .31 - .50	0.5	0.5	MITIGATE	1. Annual inventories will be performed 2. Improve communication among asset owners 3. Training
R139	Unsuccessful implementation of the Asset Management Policy, strategies, and procedures throughout the department which could result in non-compliance with Federal Regulatory Requirements	REGULATORY REQUIREMENTS	ADMINISTRATION	8/1/2018	7/1/2021	NEGLECTIBLE - 1	UNLIKELY : .11 - .30	0.3	NEGLECTIBLE - 1	RARE : 0 - .10	0.1	NEGLECTIBLE - 1	RARE : 0 - .10	0.1	0.2	MITIGATE	Pending update to TAM Plan Policy
R126	Due to the loss of the Quality Assurant Specialist position in 2016, Field monitoring has become a difficult task without neglecting other key areas of operations. Moreover, using other classifications to attempt field monitoring falls outside of their job skills and thus lacking the ability to properly assess a potential situation or hazard. It is a vital component for the Division due to the nature of the Special Transportation Service (STS) and its provision through a private Contractor to have skilled personal conduct field inspections. The Division is unable to monitor field operations accurately and properly fulfill Contract enforcement.	INTERNAL POLICY	OPERATIONS	8/1/2018	7/1/2021	LOW - 2	HIGHLY LIKELY : .51 - .89	1.8	MEDIUM - 3	HIGHLY LIKELY : .51 - .89	2.7	VERY HIGH - 4	HIGHLY LIKELY : .51 - .89	3.6	2.7	MITIGATE	Review policies, budget, contracts and vacancy reports to determine hiring availability.
R117	Due to Budget Restrictions affecting both parts and labor, scheduled maintenance and the replacement of parts/components due at the end of the life cycle could affect the ability to preserve the condition of assets.	BUDGET	ADMINISTRATION	8/1/2018	7/1/2021	NEGLECTIBLE - 1	HIGHLY LIKELY : .51 - .89	0.9	LOW - 2	HIGHLY LIKELY : .51 - .89	1.8	MEDIUM - 3	HIGHLY LIKELY : .51 - .89	2.7	1.8	MITIGATE	Detail description pending

TRANSIT ASSET MANAGEMENT PLAN 2022 - 2026



DTPW RISK REGISTER																	
PROJECT NAME						TEAM MEMBERS						KAREN JOHNSON ; TAMMY DICKENS; SANDRA ARANGO					
DATE PREPARED			DATE UPDATED			DEPARTMENTS						TRANSPORTATION AND PUBLIC WORKS					
VERSION NUMBER						POINT OF CONTACT						KAREN JOHNSON					
RISK LOG OVERVIEW																	
RISK ID	DESCRIPTION	RISK TRIGGER	RISK OWNER	REPORT DATE	LAST UPDATED	COMPLIANCE IMPACT	COMPLIANCE PROBABILITY	COMPLIANCE RISK RATING (I X P)	SAFETY IMPACT	SAFETY PROBABILITY	SAFETY RISK RATING (I X P)	SERVICE IMPACT	SERVICE PROBABILITY	SERVICE RISK RATING (I X P)	RISK SCORE	RISK RESPONSE	RISK RESPONSE DESCRIPTION
R109	Due to possible user lack of understanding of the assets design capabilities and how best to operate within its ranges, an assets life-cycle can be adversely affected by either operating below or above the design range.	EXPERIENCE PERSONNEL MANAGEMENT TRAINING	PERFORMANCE ANALYSIS	8/1/2018	2/17/2022	MEDIUM - 3	LIKELY: .31 - .50	1.5	LOW - 2	LIKELY: .31 - .50	1.1	MEDIUM - 3	LIKELY: .31 - .50	1.5	1.4	MITIGATE	1. Apply Life cycle concepts 2. Enhance life cycle coating 3. Develop life cycle analysis 4. Implement methodologies
R119	Implementing systems such as EAMS, that are not specifically designed for Rail Transit asset management and the resultant distorted work-arounds/fixes/operations, results in poor data collection and wasted time.	TECHNOLOGY	ITD	8/1/2018	7/1/2021	NEGLECTIBLE - 1	HIGHLY LIKELY: .51 - .89	0.9	NEGLECTIBLE - 1	LIKELY: .31 - .50	0.5	VERY HIGH - 4	ALMOST CERTAIN: .90 - 1.0	4	1.8	ACCEPT	Seek additional technical support and continue with software upgrade (Infor EAMS).
OPPORTUNITY																	
R120	If a Petition to the Department of Labor to overturn the stand alone agreement between the County and the TWU, pursuant to 13c, is granted, then this would result in the ability to hire personnel with knowledge, skill, experience and ability in the trade for which they are hired.	MANAGEMENT	ACCOUNT EXECUTIVE	8/1/2018	7/1/2021	MEDIUM - 3	LIKELY: .31 - .50	1.5	LOW - 2	LIKELY: .31 - .50	1.1	MEDIUM - 3	LIKELY: .31 - .50	1.5	1.4	TAKE ADVANTAGE	Update policy and hiring practices.
R135	If there is a better tracking system of PMs and work orders, then it could lead to obtaining and gathering accurate reports.	TECHNOLOGY	ITD	8/1/2018	7/1/2021	LOW - 2	UNLIKELY: .11 - .30	0.6	LOW - 2	UNLIKELY: .11 - .30	0.6	LOW - 2	UNLIKELY: .11 - .30	0.6	0.6	ENHANCE	Continue to improve system upgrade vis support and training.
R136	If we obtain parts and materials efficiently, then it could lead to better assessment and implementation of repairs and/or replacement of equipment in a timely manner.	AVAILABILITY	ADMINISTRATION	8/1/2018	7/1/2021	LOW - 2	UNLIKELY: .11 - .30	0.6	LOW - 2	UNLIKELY: .11 - .30	0.6	LOW - 2	UNLIKELY: .11 - .30	0.6	0.6	ACCEPT / TOLERATE	
R121	The Transit part of DTPW could become an Agency or Authority with different funding mechanism to provide better and dedicated funding to ensure long term viability	POLITICAL	ACCOUNT EXECUTIVE	8/1/2018		MEDIUM - 3	RARE: 0 - .10	0.3	LOW - 2	RARE: 0 - .10	0.2	MEDIUM - 3	RARE: 0 - .10	0.3	0.3	SHARE	
R125	Having more technology available for inspection minimizes the needs for having staff doing dangerous street and highway closures, therefore creating a safer inspection altogether	TECHNOLOGY	ENGINEERING, PLANNING AND DEVELOPMENT	8/1/2018	7/1/2021	LOW - 2	UNLIKELY: .11 - .30	0.6	LOW - 2	UNLIKELY: .11 - .30	0.6	NEGLECTIBLE - 1	RARE: 0 - .10	0.1	0.4		Pending response from Risk Owner
R112	If a historical review of the agency's past and current risk practices is conducted, it can provide a baseline for monitoring and evaluating asset performance as well identify future improvement needs.	DEVELOPMENT IMPLEMENTATION	ADMINISTRATION	8/1/2018	7/1/2021	MEDIUM - 3	RARE: 0 - .10	0.3	MEDIUM - 3	HIGHLY LIKELY: .51 - .89	2.7	NEGLECTIBLE - 1	RARE: 0 - .10	0.1	1	TAKE ADVANTAGE	

APPENDIX C. ACRONYMS

ADM	Administrative
AIM	Asset Inventory Module
BBC GOB	Building Better Communities General Obligation Bond
BERT	Bus Express Rapid Transit
CFR	Code of Federal Regulations
CIP	Capital Investment Program
CITT	Citizens' Independent Transportation Trust
CS	Condition State
DRM	Directional Route Miles
DTPW	Miami-Dade County Department of Transportation and Public Works
EAMS	Enterprise Asset Management System
EDMS	Electronic Data Management System
FAST	Fixing America's Surface Transportation
FDOT	Florida Department of Transportation
FTA	Federal Transit Administration
FTE	Full-Time Equivalent
FY	Fiscal Year
IIJA	Infrastructure Investment and Jobs Act
IRP	Infrastructure Renewal Program
ISO	International Organization for Standardization
JPA	Joint Powers Agreement
MAP-21	Moving Ahead for Progress in the 21st Century
MDX	Miami-Dade Expressway Authority
MDT	Miami-Dade Transit
MPS	Miscellaneous Project Support

MTA	Metropolitan Transit Authority (Miami-Dade County)
NTD	National Transit Database
OEM	Original Equipment Manufacturer
OPS	Operational Support Projects
ORAPR	Office of Resource Allocation and Performance Reporting
OSP	Operational Support Projects
PDS	Power Distribution System
PNR	Project Number Request
PPBA	Project Prioritization and Budget Approval
SFRTA	South Florida Regional Transportation Authority
SMART	Strategic Miami Area Rapid Transit
SOP	Standard Operating Procedure
TAM	Transit Asset Management
TDP	Transit Development Plan
TERM	Transit Economic Requirements Model
TIP	Transportation Improvement Program
TPO	Transportation Planning Organization
TPS	Traction Power Substations
ULB	Useful Life Benchmark
USC	United States Codes
USDOT	United States Department of Transportation

APPENDIX D. GLOSSARY

Accountable Executive: a single, identifiable person who has ultimate responsibility for carrying out the safety management system of a public transportation agency; responsibility for carrying out transit asset management practices; and control or direction over the human and capital resources needed to develop and maintain both the agency's public transportation agency safety plan, in accordance with 49 U.S.C. 5329(d), and the agency's transit asset management plan in accordance with 49 U.S.C. 5326.

Asset Category: a grouping of asset classes, including a grouping of equipment, a grouping of rolling stock, a grouping of infrastructure, and a grouping of facilities.

Asset Class: a subgroup of capital assets within an asset category. For example, buses, trolleys, and cutaway vans are all asset classes within the rolling stock asset category.

Asset Inventory: a register of capital assets, and information about those assets.

Capital Asset: a unit of rolling stock, a facility, a unit of equipment, or an element of infrastructure used for providing public transportation.

Decision Support Tool: an analytic process or methodology: (1) To help prioritize projects to improve and maintain the state of good repair of capital assets within a public transportation system, based on available condition data and objective criteria; or (2) To assess financial needs for asset investments over time.

Direct Recipient: an entity that receives federal financial assistance directly from the Federal Transit Administration.

Equipment: an article of nonexpendable, tangible property having a useful life of at least one year.

Exclusive-Use Maintenance Facility: a maintenance facility that is not commercial and either owned by a transit provider or used for servicing their vehicles.

Facility: a building or structure that is used in providing public transportation.

Full Level of Performance: the objective standard established by FTA for determining whether a capital asset is in a state of good repair.

Horizon Period: the fixed period of time within which a transit provider will evaluate the performance of its TAM plan. FTA standard horizon period is four years.

Implementation Strategy: a transit provider's approach to carrying out TAM practices, including establishing a schedule, accountabilities, tasks, dependencies, and roles and responsibilities.

Infrastructure: the underlying framework or structures that support a public transportation system.

Investment Prioritization: a transit provider's ranking of capital projects or programs to achieve or maintain a state of good repair. An investment prioritization is based on financial resources from all sources that a transit provider reasonably anticipates will be available over the TAM plan horizon period.

Key Asset Management Activities: a list of activities that a transit provider determines are critical to achieving its TAM goals.

Lifecycle Cost: the cost of managing an asset over its whole life.

Participant: a tier II provider that participates in a group TAM plan.

Performance Measure: an expression based on a quantifiable indicator of performance or condition that is used to establish targets and to assess progress toward meeting the established targets (e.g., a measure for on-time performance is the percent of trains that arrive on time, and a corresponding quantifiable indicator of performance or condition is an arithmetic difference between scheduled and actual arrival time for each train).

Performance Target: a quantifiable level of performance or condition, expressed as a value for the measure, to be achieved within a time period required by the Federal Transit Administration (FTA).

Public Transportation System: the entirety of a transit provider's operations, including the services provided through contractors.

Public Transportation Agency Safety Plan: a transit provider's documented comprehensive agency safety plan that is required by 49 U.S.C. 5329.

Recipient: an entity that receives Federal financial assistance under 49 U.S.C. Chapter 53, either directly from FTA or as a sub-recipient.

Rolling Stock: a revenue vehicle used in providing public transportation, including vehicles used for carrying passengers on fare-free services.

Service Vehicle: a unit of equipment that is used primarily either to support maintenance and repair work for a public transportation system or for delivery of materials, equipment, or tools.

State of Good Repair (SGR): the condition in which a capital asset is able to operate at a full level of performance.

Sub-recipient: an entity that receives Federal transit grant funds indirectly through a State or a direct recipient.

TERM Scale: the five (5) category rating system used in the Federal Transit Administration's Transit Economic Requirements Model (TERM) to describe the condition of an asset: 5.0—Excellent, 4.0—Good; 3.0—Adequate, 2.0—Marginal, and 1.0—Poor.

Tier I Provider: a recipient that owns, operates, or manages either (1) one hundred and one (101) or more vehicles in revenue service during peak regular service across all fixed route modes or in any one non-fixed route mode, or (2) rail transit.

Transit Asset Management (TAM): the strategic and systematic practice of procuring, operating, inspecting, maintaining, rehabilitating, and replacing transit capital assets to manage their performance, risks, and costs over their life cycles, for the purpose of providing safe, cost-effective, and reliable public transportation.

Transit Asset Management (TAM) Plan: a plan that includes an inventory of capital assets, a condition assessment of inventoried assets, a decision support tool, and a prioritization of investments.

Transit Asset Management (TAM) Policy: a transit provider's documented commitment to achieving and maintaining a state of good repair for all of its capital assets. The TAM policy defines the transit provider's TAM objectives and defines and assigns roles and responsibilities for meeting those objectives.

Transit Asset Management (TAM) Strategy: the approach a transit provider takes to carry out its policy for TAM, including its objectives and performance targets.

Transit Asset Management (TAM) System: a strategic and systematic process of operating, maintaining, and improving public transportation capital assets effectively, throughout the life cycles of those assets.

Transit Provider (provider): a recipient or sub-recipient of Federal financial assistance under 49 U.S.C. Chapter 53 that owns, operates, or manages capital assets used in providing public transportation.

Useful life: either the expected life cycle of a capital asset or the acceptable period of use in service determined by FTA.

Useful life benchmark (ULB): the expected life cycle or the acceptable period of use in service for a capital asset, as determined by a transit provider, or the default benchmark provided by FTA.



APPENDIX E. LIST OF PRIORITIZED PROJECTS

Table E-1: Capital Improvement Plan (CIP) Projects

Project Number	Project Name	Date of Last Update
CIP001	Dadeland South Metrorail Station Comfort Station	5/28/2010
CIP002	Orange Line Phase 2: North Corridor Metrorail Extension	7/1/2005
CIP003	Orange Line Phase 3: East-West Corridor Metrorail Extension	7/1/2005
CIP004	MIC-EHT Connector	7/4/2005
CIP005	Program Management Consulting Services for the Implementation of the People's Transportation Plan	6/1/2013
CIP006	Tri-Rail Coastal Link (FNA SFECC)	See CIP228
CIP007	Kendall Corridor	7/7/2010
CIP008	South Miami-Dade Corridor	7/7/2010
CIP009	Pedestrian Overpass at South Miami Metrorail Station	6/1/2009
CIP010	Pedestrian Overpass at University Metrorail Station	
CIP011	NW 7th Avenue Transit Village	7/30/2018
CIP012	Park and Ride Facility at NW 186 Street & 73 Avenue	11/20/2010
CIP013	Dadeland North Metrorail Station Park and Ride Facility	12/30/2009
CIP014	Park and Ride Facility at SW 344 Street and Busway	
CIP015	Park and Ride Facility at Kendall and SW 127 Avenue	5/24/2017
CIP016	Mover Vehicle Phase 1	11/13/2014
CIP017	Mover Vehicle Phase 2	11/13/2014
CIP018	Coconut Grove Metrorail Station Pedestrian Overpass	2/8/2008
CIP019	Metrorail Central Control Upgrade	



Project Number	Project Name	Date of Last Update
CIP020	Metromover Stations: Oil/Water Separators	11/5/2009
CIP021	Busway (Phase 1) Safety Improvements	2/12/2009
CIP022	Track and Guideway Rehab Subset	
CIP023	Lehman Center Test Track	7/21/2017
CIP024	Dadeland South Metrorail Parking Lot Expansion	3/10/2010
CIP025	System Wide Traction Power Feeder Jumper Cable Replacement	See IRP249
CIP026	Existing Metrorail Stations (Phase 1) - Repair to Stair Railings	1/13/2011
CIP027	Coconut Grove Metrorail Station Pedestrian Safety Improvements	4/1/2009
CIP028	Lehman Yard Rehabilitation - Expansion Phase 1	7/21/2017
CIP030	Palmetto Traction Power Sub-Station	6/12/2014
CIP031	Existing Metrorail Station (Part 1 & 2A) - Graphics and Signage Retrofit	5/31/2013
CIP032	Coral Way Maintenance Facility - Employee Access to Parking	4/23/2010
CIP033	NW 27 Ave Enhanced Bus Service-P&R/Transit Terminal	7/7/2005
CIP034	ADA Ped Improvements along the Busway Ph 1-Part 3	8/10/2017
CIP035	SW 204th Street & Busway - Park & Ride Repairs	5/20/2009
CIP036	Repair and Restoration of Existing Douglas Road Metrorail Station Park & Ride Lot Under the Guideway	6/1/2013
CIP037	Bus Bay @ SW 152 St. & 152 Avenue - Construction	11/13/2009
CIP038	Busway Extension to Florida City Segment No. 2	7/31/2008
CIP039	Metrorail Historical Documents	
CIP040	Metromover Inner Loop Station Escalator Replacement and New Canopies	8/20/2013
CIP041	NE Passenger Activity Center	7/4/2005
CIP042	Park & Ride Lot @ SW 112 Ave and SW 204 Street Busway - Land Acquisition	
CIP043	Park & Ride Lot @ SW 186 St and SW 97 Ave - Land Acquisition	3/4/2014



Project Number	Project Name	Date of Last Update
CIP044	Park & Ride Lot @ SW 80 St and SW 127 Ave - Kendall Soccer Field	5/30/2013
CIP045	Brownsville Metrorail Station Transit Oriented Development (TOD)	4/28/2015
CIP046	Coconut Grove Metrorail Station Transit Oriented Development (TOD)	
CIP047	Douglas Road Metrorail Station Transit Oriented Development (TOD)	
CIP048	Metromover Historical Documents	
CIP049	Ensure ADA compliance on Transit routes	
CIP050	Access Control @ Lehman	6/30/2005
CIP051	Security Fence @ Lehman	11/30/2009
CIP052	Fence at Coconut Grove	12/30/2009
CIP053	Metromover Platform Enhancement Remove Bumpers	2/26/2010
CIP054	ESIS Includes wireless at Rail - Metrorail Wifi Implementation	3/1/2014
CIP055	60' Buses for I-95 Managed Lanes	7/14/2011
CIP056	60' Buses for Kendall Enhanced Bus Services	10/16/2015
CIP057	Metrorail Vehicle Replacement	
CIP058	Procurement and Installation of the Automated Fare Collection System	
CIP059	Install digital recording system at Metrorail Tail-track Video	7/6/2005
CIP061	Revenue Islands Security & Access Control	6/30/2005
CIP062	NW 27 Ave Enhanced Bus Service- Bus Stations	7/7/2005
CIP063	Additional Elevators at Dadeland North Metrorail Station Parking Garage	
CIP064	Existing Metrorail Stations: Repair to Stairs Railings (Phase II)	6/28/2010
CIP065	Douglas Road Metrorail Station - North/South Sidewalk Extension	11/1/2009
CIP066	BVL Station Bus Bay Video Surveillance	7/6/2005
CIP067	EH Station Bus Bay Video Surveillance	7/6/2005



Project Number	Project Name	Date of Last Update
CIP069	Systems - Historical Documents	
CIP070	Bus - Historical Documents	
CIP071	Quail Roost Park & Ride	
CIP072	ADA Ped Improvements along the Busway Ph 1-Part 1	8/10/2017
CIP073	ARRA - ADA Ped Improvements @ SW 160 St & Busway	4/28/2014
CIP074	ADA Ped Improvements along the Busway Ph 1-Part 2	8/10/2017
CIP075	ARRA Municipalities - City of Surfside	9/22/2015
CIP076	ARRA Municipalities - City of North Miami Beach	12/5/2014
CIP077	ARRA Municipalities - Town of Miami Lakes	5/29/2013
CIP078	ARRA Municipalities - Village of El Portal	9/22/2015
CIP079	ARRA Municipalities - City of North Miami	5/29/2013
CIP080	ARRA Municipalities - City of Homestead	5/29/2013
CIP081	ARRA Municipalities - Village of Virginia Gardens	2/27/2014
CIP082	ARRA Municipalities - City of Miami Gardens	3/28/2014
CIP083	ARRA Municipalities - City of Aventura	2/27/2014
CIP084	ARRA Municipalities - City of Florida City	9/22/2015
CIP085	ARRA Municipalities - City of South Miami	2/27/2014
CIP086	ARRA Municipalities - Town of Medley	Not in Contract
CIP087	ARRA Municipalities - City of Opa-Locka	9/22/2015
CIP088	ARRA Municipalities - Town of Bay Harbor Islands	9/22/2015
CIP089	ARRA Municipalities - City of So Miami, Aventura & Village of Virginia Gardens	2/27/2014
CIP090	ARRA Municipalities - Bay Harbor, Homestead, El Portal, Miami Lakes, North Miami, North Miami Beach, Surfside, Town of Medley, Miami Gardens, Florida City and Opa Locka	9/22/2015
CIP091	Park & Ride Lot @ Busway & SW 168 St	See CIP217



Project Number	Project Name	Date of Last Update
CIP092	ARRA Program Management	9/1/2015
CIP093	New Bus Acquisition Plan	7/8/2005
CIP094	Downtown Bus Terminal	7/7/2005
CIP095	ADA Ped. Improvements along the Busway (Ph 1) Proj. Coordination	9/1/2011
CIP096	SR836 Express Enhanced Bus Service-P&R/Transit Terminal	7/8/2005
CIP097	SR836 Express Bus Services – Park & Ride/Bus Terminal	
CIP097A	State Road 836 Express Bus Service - Park & Ride/Bus Terminal (Tamiami Station)	
CIP097B	State Road 836 Express Bus Service - Park & Ride/Bus Terminal (Panther Station)	
CIP098	Flagler Enhanced Bus Svc Incremental Transit Improvements along EW Corr	7/7/2005
CIP099	Biscayne Enhanced Bus Svc Incremental Transit Improvements along NE Corr	7/7/2005
CIP100	SPCC Restroom 1st floor Sanitary Drainage	6/1/2016
CIP101	Northeast Transit Hub Enhancements	9/22/2016
CIP102	Brickell Metromover Joint Development Project	12/31/2019
CIP103	ARRA Municipalities - North Bay Village	Not in Contract
CIP104	ARRA Municipalities - Miami Springs	12/5/2014
CIP105	ARRA Municipalities - Miami Shores Village	12/5/2014
CIP106	ARRA Municipalities - Village of Palmetto Bay	Not in Contract
CIP107	ARRA Municipalities - Doral	12/5/2014
CIP108	Park & Ride Lot @ SW 88 St and SW 149 Ave	9/1/2014
CIP109	60' Buses for Biscayne Enhanced Bus Service	4/30/2016
CIP110	60' Buses for NW 27 Avenue Enhanced Bus Service	4/30/2016
CIP111	60' Buses for SR836 Express Enhanced Bus Service	12/21/2016
CIP112	60' Buses for Service Expansion - Busway	4/30/2016
CIP113	Miscellaneous PSA for Federally Funded Projects	



Project Number	Project Name	Date of Last Update
CIP114	SW 89 Ave & 40 St - Affordable Housing/Park&Ride	4/15/2019
CIP115	Bicycle Enhancement Project	
CIP116	3795 NW South River Drive - TOD	9/17/2020
CIP117	Bird Road & SW 89 Ave - TOD (Senator Villas)	7/12/2019
CIP118	NW 215 Street & NW 27 Avenue - TOD	
CIP119	SW 8th Street & SW 147th Ave - TOD	7/7/2005
CIP120	P & R - Transit HUB @ NW 12th Street & H.E.F.T	3/31/2015
CIP121	60' Buses for Service Expansion - FTA 5307 FL-95-X065	4/30/2016
CIP122	Furniture Replacement 2nd Floor WLF	6/1/2016
CIP123	Palmetto Intermodal Terminal	
CIP124	MIC Additional Rain Canopies	9/18/2017
CIP125	Rail Services Warning System for Personnel on Guideway	
CIP126	Emergency Exit William Lehman Center	12/1/2020
CIP127	Omni Bus Terminal - RFP for Transit Oriented Development	See CIP200
CIP128	Dolphin Station (HEFT at NW 12 Street)	
CIP129	Existing Metromover Station (Part 1) - Graphics and Signage Retrofit	10/24/2015
CIP130	40' Diesel Buses for Replacement (ARRA)	10/16/2015
CIP131	10th Street Metromover Station - 1010 Brickell Project - Joint Development Project	
CIP132	All Aboard Florida	
CIP133	MDT Bike Share Program - Request for Proposals	Also see CIP199
CIP134	Metrorail Stations Refurbishment	
CIP134A	Coconut Grove Station	
CIP134B	Vizcaya Station	
CIP135	Professional Services Agreement - Bridge Inspection and Structural Analysis	



Project Number	Project Name	Date of Last Update
CIP136	Transitway Park & Ride @ SW 112th Avenue - Improvements	
CIP137	Transitway Park & Ride @ SW 152nd Street - Improvements	
CIP138	Transitway Park & Ride @ SW 244th Street - Improvements	
CIP139	Transitway Park & Ride @ SW 296th Street - Improvements	
CIP140	Metro Bus Bike Racks	3/31/2018
CIP141	Metro Bus Retrofil Seat Inserts	See CIP191
CIP142	Project Management Consultant	6/1/2013
CIP143	Miami Intermodal Center (MIC) - Governance	
CIP144	Flagler Enhanced Bus Service	6/15/2018
CIP145	I-95 Express Bus Service	3/31/2017
CIP146	NW 12th Street Roadway Improvements Project from NW 114th Ave to 122nd Ave	
CIP147	Electric Buses	
CIP148	Green Line Rail Components Renewal	
CIP149	South Dade Bus Maintenance Facility - SW 133 Ave & SW 236 St	
CIP150	NW 12 Street Roadway Improvements for Dolphin Station	
CIP151	PSA - Engineering Services for DTPW Capital Improvement Plan - 2	
CIP152	North Corridor (SMART Plan)	
CIP153	Beach Corridor (SMART Plan)	
CIP154	East-West Corridor (SMART Plan)	
CIP155	South Corridor (SMART Plan)	
CIP156	Kendall Corridor (SMART Plan)	
CIP157	Flagler Corridor (SMART Plan)	
CIP158	South Miami-Dade Express (SMART Plan)	
CIP159	NW Miami-Dade Express (SMART Plan)	11/1/2019



Project Number	Project Name	Date of Last Update
CIP160	SW Miami-Dade Express (SMART Plan)	
CIP161	Florida Turnpike North & South Express (SMART Plan)	
CIP162	Beach Express North (SMART Plan)	
CIP163	Beach Express Central (SMART Plan)	
CIP164	Beach Express South (SMART Plan)	
CIP165	Dadeland North (Phase 3) – Motion @ Dadeland (Apartments)	
CIP166	Transitway @ SW 152 Street Park & Ride Lot Expansion	12/30/2016
CIP167	SW/SE 1st Street Complete Street Project	1/15/2018
CIP168	Acoustical Barrier Replacement	
CIP169	Metrorail Train Control Upgrade	
CIP170	Disaster Recovery Control Center at PYD	
CIP171	Metrorail & Metromover UPS Rooms HVAC Installation	
CIP172	Metromover Fire Panel Upgrade	
CIP173	Metrorail & Metromover CCTV Recovery Servers	
CIP174	Bus Passenger Shelter	
CIP175	Compressed Natural Gas (CNG) Low Floor Transit Buses	10/30/2018
CIP176	Develop Guidelines for the Design of Off-Street Bus Facilities	
CIP177	Phase 1 - The Underline	
CIP178	Design Criteria Package - Phase 2 - The Underline	
CIP180	Development of Traffic Signal Upgrade Request for Proposals (RFP)	10/9/2018
CIP182	Traffic Signal Systems Upgrade Project - General Engineering Services	
CIP183	Compressed Natural Gas (CNG) Program	
CIP184	Metrorail Video System Upgrade - Phase 2	
CIP185	NW 25 & NW 36 Streets Reversible Lane Conceptual Study	1/31/2019



Project Number	Project Name	Date of Last Update
CIP186	Installation of Bike Plates on Steel Open Deck Bridges	9/30/2020
CIP187	Matheson Hammock Park Bridge Replacement - Bridge #874294	
CIP188	SW 112th Avenue Bridge Replacement - Bridge #874414	unfunded
CIP189	SW 48th Street Bridge Rehabilitation - Bridge #874303	unfunded
CIP190	Construction Engineering & Inspection Professional Services for Public Works on Transit Federal Funded Projects	
CIP191	Seating Inserts/Replacements for 2009 New Flyer, 2009 NABI & 2010 Gillig Buses	3/19/2019
CIP192	Hybrid Electric Bus Batteries	
CIP193	Construction Engineering and Inspection Services for the DTPW's—Infrastructure Renewal Projects	
CIP194	Golden Glades Multimodal Transportation Facility - Technology Components	
CIP195	Golden Glades Multimodal Transportation Facility - Bicycle and Pedestrian Improvements	
CIP196	The Underline - Design Criteria Package - 7 Segments	
CIP197	The Underline - Archaeological Monitoring Services During Construction for Phase 1	11/21/19 (See CIP177)
CIP198	Park & Ride @ North Kendall Drive & SW 127 Avenue – License Agreement w/FPL	
CIP199	Block 45 - Joint Development Project @ 152 NW 8 Street	
CIP200	Omni Bus Terminal - Transit Oriented Development	
CIP201	Roadway Signs in the Vicinity of Metrorail Stations	
CIP201A	Roadway Signs in the Vicinity of Metrorail Stations - Highways/Expressways	
CIP201B	Roadway Signs in the Vicinity of Metrorail Stations - Post Design Services	
CIP202	Additional 40-Foot Low Floor Compressed Natural Gas (CNG) Transit Buses	3/5/2021
CIP203	EAMS PW Implementation	11/5/2016
CIP204	Traffic Signal & Signs (TSS) Video Streaming Infrastructure	
CIP205	Traffic Signal & Signs (TSS) Modem Recapitalization	



Project Number	Project Name	Date of Last Update
CIP206	CNG Buses Inspection at Gillig Plant	3/17/2020
CIP207	Dadeland South Intermodal Station (f.k.a. IRP013)	
CIP208	NE Division CNG Fueling Station	
CIP209	Caribbean Blvd Over C1-N Canal Bridge Replacement and Drainage Improvements	
CIP210	Underline Preliminary Engineering - 3rd Party	
CIP211	Parcel 3705 - Acquisition Land Adjacent to the Dolphin P&R and HEFT	6/28/2021
CIP212	The Underline - Phase 3	9/30/2020
CIP213	The Underline - Phase 4	9/30/2020
CIP214	Lease Agreement with Redland Market Village, Inc. for P&R @ SW 244 St & Busway	
CIP215	Professional Services for Federally Funded Projects	
CIP216	Replacement of Articulated Buses	
CIP217	Park & Ride @ SW 168 Street & Busway	
CIP218	Solar Panels for Transit Buses (Supplementary Battery Charging)	unfunded
CIP219	Underline - Phase 5	9/30/2020
CIP220	Wheel Truing Machine Facility at Lehman Yard	
CIP221	Earlington Heights TOD - Unsolicited Proposal	
CIP222	Transitway & SW 344 Street - Property Acquisition	
CIP223	Vizcaya Metrorail Station - Transit Oriented Development (RFP)	
CIP224	Aventura Station (19700 W Dixie Hwy) - Property Acquisition & Station Development	10/30/2019
CIP225	Underline - Phase 6	9/30/2020
CIP226	Underline - Phase 7	9/30/2020
CIP227	South Miami-Dade Bus Maintenance Facility	
CIP228	Northeast Corridor (SMART Plan) Planning and PD&E	



Project Number	Project Name	Date of Last Update
CIP229	Strategic Planning for Bus Maintenance Facilities	
CIP230	BERT Route d P & R @ Tamiami Executive Airport (SMART BERT)	
CIP231	BERT Route b P & R @ SW 288 St (SMART BERT)	
CIP232	BERT Route b P & R @ SW 152 St (SMART BERT)	
CIP233	BERT Route b P & R @ SW 211 St (SMART BERT)	
CIP234	Downtown Miami Micromobility Network	
CIP235	The Underline - Phases 3 - 9	
CIP236	Miami Springs Pedestrian Bridge to Okeechobee Metrorail Station	9/30/2021
CIP237	Cocoplum Circle Bridge No. 874275 Replacement over C-3 Canal along SW 42 Ave	
CIP238	SMART BERT - Beach Express North - Bus Purchases	
CIP239	Dadeland South - Engineering Review	
CIP240	Professional Services for Bridge Structural Engineering Projects	
CIP241	TED Priority List - Group 1 (PW No. 20200132)	
CIP242	In House Support Staff - Immediate Action Items	
CIP243	In House Support Staff - Procurement	
CIP244	North Corridor Alignment Review & Optimization	
CIP245	TED Safety Projects (PW No. 20200145)	
CIP246	Dadeland South Metrorail Station Design Criteria Package (DCP) Review	
CIP247	North Corridor RFP Support	
CIP248	Golden Glades Bike & Ped Connector "Sunshine Station" PD&E Study	
CIP249	Golden Glades Bike & Ped Connector "Sunshine Station" In-House Support	
CIP250	FDOT Safety Projects (Intersection of US1 & SW 136 St / US1 & Quail Roost Dr)	
CIP251	Dolphin Station TOD (12065 NW 12 St) - Mixed Use Development	



Project Number	Project Name	Date of Last Update
CIP252	In House Consultant for Project Management on the CNG NE Facility Garage	
CIP253	Owner's Representative for the Beach Corridor Trunk Line DBFOM P3 Project	
CIP254	Snowden Pedestrian Bridge #874293	
CIP255	Construction, Engineering & Inspection (CEI) Services for the Underline Phase 2 project	
CIP256	Project Management Support for Structural Engineering Projects	
CIP257	In House Support Staff - Plans Review (Aventura Station Design Build Project)	
CIP258	Beach Corridor Express Train Metromover Switch Insertion Analysis	
CIP259	First & Last Mile Improvement Projects - Transit Stations	
CIP260	Mt. Sinai Multimodal SMART Terminal (I-195 & Alton Rd)	
CIP261	Tamiami Trail Flyover, Reversible Flyover Bridge @ SW 8 St & SW 137 Ave	
CIP262	Downtown Intermodal Terminal (SMART Terminal)	
CIP263	Direct Ramps to Dolphin Station	
CIP264	North Corridor Engineering Services (Procurement Phase 2)	
CIP265	Metromover Guideway Structural Superstructure Retrofit - New Switches & Crossovers	
CIP266	South Corridor BRT and Signal Improvements RIF District 01	
CIP267	South Corridor BRT and Signal Improvements RIF District 06	
CIP268	CEI Services for DTPW Capital Improvement Projects	
CIP269	Public Relations Support for the Miami-Dade County South Dade Transitway Corridor Bus Rapid Transit Project	
CIP270	East-West Corridor Rapid Transit Phase 2 Bus Rapid Transit (BRT) LPA Phase 1 and Phase 2 Survey	
CIP271	Martin Luther King (MLK) Demolition	
CIP272	Better Bus Network Implementation - Bus Stop Signs Rebranding	
CIP273	Better Bus Network - Making New Bus Stop Signs ADA Compliance	
CIP274	South Dade Trail Shared-Used Path Enhancements	



Project Number	Project Name	Date of Last Update
CIP275	Metromover Design District Extension (SMART Plan Beach Corridor)	
CIP276	South Dade TransitWay - SW 264 Street/Bauer Dr Park & Ride Lot	
CIP277	South Dade TransitWay Shared-Use Path Widening at SW 104 Street	
CIP278	South Dade TransitWay - Marlin Road Park & Ride	
CIP279	Horizontal Lifeline Fall Protection Systems for Bus Maintenance Garages	
CIP280	Drop-off/Pick-up at South Dade Transitway Stations	
CIP281	Environmental Services for N. Miami Ave Bridge (874035) Repl. At NW 146 St over C-8 Canal	
CIP282	In-House Support for Infrastructure Planning	
CIP283	Tuesberg Bridge No. 874479 removal along SW 256 St over Level L- 31 E at SW 97 Ave	
CIP284	Replace Platform End Walls at Metrorail Stations	
CIP285	Track and Guideway Rail Support Equipment Replacement	

Source: *Transportation and Public Works Active Project List May 2022. pdf*

Table E-2: Infrastructure Renewal Program (IRP) Projects

Project Number	Project Name	Date of Last Update
IRP001	Metrorail Bike Path Improvements (M-Path) - SW 67 Avenue to Miami River	2/29/2016
IRP002	Coral Way Bus Wash Facility	3/20/2008
IRP003	Metrorail Bike Path Improvements (M-Path) - Dadeland South to SW 67 Avenue	1/23/2012
IRP004	Martin Luther King (MLK) - Existing Metrorail Parking Garage Repairs	8/19/2021
IRP005	Government Center Station - Replacement of Emergency Generator Tank	12/27/2010
IRP006	Clearing of Debris on Transit Property - 7500 NW 27 Ave	9/1/2018
IRP007	Metro-Mover Fiber Repair / Replacement	4/12/2016
IRP008	Mover Vehicle Wireless CCTV System	6/1/2005
IRP009	Replacement & Installation of Metromover CCTV	4/25/2017
IRP010	Renovate Bathroom @ Hialeah Station	6/1/2016



Project Number	Project Name	Date of Last Update
IRP011	Central and Northeast Metrobus Lot Lighting Upgrade Study	10/21/2012
IRP012	Parking Garages - Fire Suppression	8/21/2014
IRP013	Dadeland South Intermodal Station	see CIP207
IRP014	Bus Garages Plumbing	6/7/2017
IRP015	Omni Bus Terminal Concrete Repairs	12/2/2010
IRP016	Metromover Bicentennial Park Station Rehabilitation	7/23/2014
IRP017	Metrobus: A/C Replacement and A/C & Chiller Unit Replacement	6/14/2019
IRP018	Bus Garages: Roofs	3/7/2018
IRP019	Hialeah Metrorail Station Concrete & Asphalt Repairs	12/2/2010
IRP020	Bayside Metromover Light Poles	5/6/2010
IRP021	Traction Power Cable Replacement	7/28/2021
IRP022	Computer-Aided Dispatch/Automated Vehicle Replacement Project (CADAVLRP)	10/20/2018
IRP023	Transit Operations System Replacement Project (TOSRP)	4/8/2018
IRP024	40 Yr Recertification: 3300 NW 32 Ave. Bldg 1	8/18/2015
IRP025	Mainline Turnout Replacement	9/22/2012
IRP026	Electronic Transit Information Kiosks	3/1/2013
IRP027	Local/Supervisor Control Panel Replacement	8/15/2015
IRP028	Secondary Guide Rails for Bus Washes	6/1/2016
IRP029	Replace air compressors at all bus locations	1/23/2013
IRP030	Tools and Equipment	
IRP031	Signage Replacement Project at Metrorail/Metrobus Facilities	9/10/2015
IRP032	Purchase Service & Support Vehicles	under separate contract
IRP033	Metromover / HVAC System Replacement	8/23/2009
IRP034	Metrorail / HVAC System Overhaul	5/25/17 See CIP057



Project Number	Project Name	Date of Last Update
IRP035	Metromover Phase II Vehicle Door Facelift System	5/15/2009
IRP036	Disaster Recovery (Backup IT Systems Hardware)	Sept 2010
IRP037	Rail Cars Seat and Floor Replacement Glass Campaigns – Remove glass and install sacrificial film	6/24/2011
IRP038	Light Fleet Vehicle Replacement	
IRP039	Bus Maintenance Rail Protection System/Safety Lines	10/14/2011
IRP040	Structural Inspection of the Metrorail - Original Construction	
IRP041	Rebuild Switch Machines (M-3) - Mainline	Part of CIP169
IRP042	Traction Power Switchgear Upgrade Project	March 2016
IRP043	Mover F & G Inspections	see IRP257
IRP044	Bus Stop Survey	4/4/2012
IRP046	MSI and OKE Garages Fire Alarm Replacement Project	3/22/2012
IRP047	Palmetto Yard Video & Access Control	7/6/2005
IRP048	Tail Track Video Project	7/6/2005
IRP049	Replacement of Bus DVR	6/5/2017
IRP050	Server Plan Upgrade Strategy	11/1/2012
IRP051	MDT Network Upgrade Enhancements	Closed - no funding
IRP052	Voice / Data Communication	Closed - no funding
IRP053	Static Technology Tools	Closed - no funding
IRP054	Metromover I/O System Replacement Project	See IRP249
IRP055	Bus Maintenance Component Replacement Plan	unfunded
IRP056	Data Transmission System - Metromover	See IRP249
IRP057	Metrorail Central Control Computer Room 120 KVA UPS Replacement	1/30/2018
IRP058	Mover Control Room Uninterrupted Power Supplies (UPS) Replacement - Government Center	1/30/2018
IRP059	Multi-Channel Voice Recorder	6/1/2008



Project Number	Project Name	Date of Last Update
IRP060	Transit System Signage Replacement	5/10/2012
IRP061	Bus Maintenance Brake Dynamometer Equipment Acquisition	unfunded
IRP062	ETS - Telephone Cable Replacement - Rail	
IRP063	Metromover Wayside Overhaul	See IRP249
IRP064	40 Yr Recertification Bldgs 4 & 5 @ 3300 NW 32 Ave	8/18/2015
IRP065	SPCC Fire Alarm and Halon Replacement Project	Completed
IRP066	Rail Fire Alarm and Halon Replacement Project	Duplicate see IRP098
IRP067	Structural Inspection of the Downtown Metromover	
IRP068	Mover Fiber Emergency Project	5/30/2015
IRP069	Bus Maintenance Yard Mule Replacement Project	4/18/2011
IRP070	Bus Maintenance Yard Sweepers Replacement Project	unfunded
IRP071	Bus Maintenance Shop Floor Scrubbers	1/5/2017
IRP072	Metromover System Signage Replacement	5/10/2012
IRP073	MDT Regional Training Center	7/7/2005
IRP074	Currency Counters @ Govt Center Station - Money Room	4/20/2020
IRP075	Metromover Brickell Extension Guideway Painting	
IRP076	Structural Inspection of the Metromover Brickell Extension	
IRP077	Structural Inspection of the Metrorail Palmetto Extension	
IRP078	Structural Inspection of the Metromover OMNI Extension	
IRP079	Mover 13kv Transformers	See IRP249
IRP080	Safety Walkway Sections for the Metromover Test Track	See IRP249
IRP081	DLN Vehicle Containment Barriers	6/1/2016
IRP082	Train to Wayside Communications(TWC)	Unfunded
IRP083	Replace Metromover Platform LCD Signs and SCUs	1/15/2015



Project Number	Project Name	Date of Last Update
IRP084	Door Replacement at Various locations Transit Wide	
IRP085	Waste Water Treatment System	10/31/2013
IRP086	Uninterrupted Power Supply-Mainline(Metrorail)	1/30/2018
IRP087	Central O & I Garage Shop Floor Leveling	12/6/2017
IRP088	Install Fuel Transfer Pump for Central Control Bus Facility	
IRP089	Parking Garages Relamping (Okee, MLK, SMI, DLN 7, SW 296 St P & R)	6/14/2019
IRP090	Metromover Lighting (All Stations)	
IRP091	College Bayside Station Lighting	6/1/2016
IRP092	College North Station Lighting	6/1/2016
IRP093	First Street Station Lighting	6/1/2016
IRP094	Bus Maintenance Automatic Fire Suppression Retrofit	3/5/2018
IRP095	Metromover Public Address System Replacement	11/10/2016
IRP096	Rail Public Address System Replacement	
IRP097	Lehman Facility - Fire Systems	6/14/2019
IRP098	Fire Alarm Installation at Rail Stations	7/13/2017
IRP099	Mover Maintenance Facility - Fire Systems	6/14/2019
IRP100	Emergency Plumbing Fixtures	6/14/2019
IRP101	William Lehman Site Lighting	
IRP102	Metromover Bridge Navigational Lights	6/14/2019
IRP103	Mover Fire Alarm and Halon Replacement Project	
IRP104	Uninterrupted Power Supply-Mainline(Metromover)	1/30/2018
IRP105	Uninterrupted Power Supply - Govt Center	7/15/2013
IRP106	Bus Garages Northeast Rollup Doors	6/14/2019
IRP107	Lift Replacement Metrobus	5/19/2021



Project Number	Project Name	Date of Last Update
IRP108	Chiller Unit Replacement at William Lehman Field	6/14/2019
IRP109	Emergency Backup Generators	
IRP110	Mover Maintenance Facility - Lifts	6/14/2019
IRP111	Porcelain Enamel Sign Replacement	5/10/2012
IRP112	Uninterrupted Power Supply for Network Equipment	4/1/2013
IRP113	Mobile Technology Tools & Bus Driver Training System - Vigil	3/1/2012
IRP114	Bus Garages: Bus Washers and Cyclones	unfunded
IRP115	Purchase Computer Equipment for Rail, Mover & Bus Washes	6/1/2016
IRP116	Hydraulic Mobile Bus Lifts (36 Lifts)	6/1/2016
IRP117	Bus Maintenance DEF Dispensing System	
IRP118	Metrorail & Metromover Train Wash	6/14/2019
IRP119	Vehicle Replacement (P-Cars)	9/30/2015
IRP120	Bus Maintenance E Stroke Brake Monitoring System on Optima Buses	Closed - no funding
IRP122	Switch Logic Cabinet Overhaul (Metromover)	5/13/2016 See IRP249
IRP123	Train Control DC Power Source	Part of CIP169
IRP124	Replacement Work Vehicles 10-15 Year Plan	
IRP125	Bus Garages: Lot Resurfacing	6/14/2019
IRP126	Mover & Lehman Facility - Water Main	6/14/2019
IRP127	Electric Engine Cooling Systems	6/14/2019
IRP128	Personnel/Payroll Systems Replacement(PDS, AMR, PCD, PALS)	9/15/2016
IRP129	Lehman Facility Lot Resurfacing	6/14/2019
IRP130	Flood Mitigation @ William Lehman Facility	6/14/2019
IRP131	Renovation of Drain Field	6/14/2019
IRP132	Lehman Center Yard Tower Upgrade	closed - see CIP019



Project Number	Project Name	Date of Last Update
IRP133	LED Signal Upgrades	Part of CIP169
IRP134	Replace Elevator Machine Room & Call Ventilation	6/14/2019
IRP135	Facility Painting Program	6/14/2019
IRP136	South Dade Busway Stations	6/14/2019
IRP137	Ceiling Sign Cabinet Replacement	6/14/2019
IRP138	Site Entrance Sign Replacement	5/10/2012
IRP139	Lehman & Mover Facility Plumbing	6/14/2019
IRP140	Traction Power Rectifier Transformer Project	4/14/2018
IRP141	Metrorail Lighting	
IRP142	Metrorail Redundant Track Circuit System	unfunded
IRP143	Metrorail Station Refurbishment/Door Replacement @ Metromover	
IRP144	Metrorail Escalators Replacement/Elevators Refurbishment	
IRP145	Parking Garages Overhaul	
IRP145A	Earlington Heights Garage	
IRP146	Lift Replacement for William Lehman Facility (WLF)	see IRP223
IRP147	Traction Power Gap Ties	See IRP042, IRP299
IRP148	Metrorail & Metromover Train Control System Replacement	
IRP149	Traction Power Substation	unfunded
IRP150	Wayside Overhaul	See IRP249
IRP151	AC Unit Substations	
IRP152	Switch Machine Cable - Yard	See IRP316
IRP153	AC Unit Substations - Palmetto Yard	
IRP154	Switch Machine Cable - Mainline	See IRP316
IRP155	Replace Switch Machines - Yard	See IRP316



Project Number	Project Name	Date of Last Update
IRP156	Metromover Inner Loop Guideway Painting	4/1/2010
IRP157	Metromover Omni Extension Guideway Painting	4/1/2010
IRP158	Metrorail Street Box Girder Guideway Painting	4/1/2010
IRP159	Fastener Replacement Station Areas	6/16/17 See CIP148
IRP160	ARRA Program Management	9/30/2015
IRP161	Central & Northeast Bus Lot Lighting Upgrade	6/14/2019
IRP162	Battery Replacement Plan	unfunded
IRP163	Dadeland South Metrorail Station Signage Service	5/10/2012
IRP164	Metrorail Parking Fare Payment Signage	5/10/2012
IRP165	Metrorail Station Identifier Sign Panel Replacement	5/10/2012
IRP166	Metrorail/Metromover Vehicle Signage Replacement	5/10/2012
IRP167	Metrorail & Metromover Regulatory Signage Replacement	5/10/2012
IRP168	Central Bus Garage - Repair Guide Rails	6/1/2016
IRP169	Douglas Overpass Elevator Cab Replacement	10/8/2010
IRP170	Digital Recorders DR600 GPS Retrofit	5/23/2017
IRP171	Chiller Unit Replacement	
IRP172	Metrorail Electronic Real-Time Signage	
IRP173	Metrobus Electronic Real-Time Signage	11/1/2018
IRP174	Palmetto Metrorail Station ADA Assessment	10/1/2012
IRP175	New Rail Fleet Intermediate Overhauls	
IRP176	Install Various Glass Panels at County Bus Shelters	9/13/2011
IRP177	Repair of CBS Wall at Hialeah Station Parking Lot	6/1/2016
IRP178	Rail Replacement Mainline Curve Track	6/16/17 See CIP148
IRP179	Mainline Crossover Replacement Ties, Concrete and Fasteners	6/16/17 See CIP148



Project Number	Project Name	Date of Last Update
IRP180	Transition Area (Palmetto Extension) Frog Replacement	6/16/17 See CIP148
IRP181	Track and Guideway Rehabilitation Sub Set	6/16/17 See CIP148
IRP182	Mainline Turnout Replacement Phase II	6/16/17 See CIP148
IRP183	Parking Space Counters at Metrorail Station Garages	10/29/2018
IRP184	Okeechobee Parking Garage Elevator Recall	6/1/2016
IRP185	South Miami Parking Garage Elevator Recall	6/1/2016
IRP186	Refurnish Luminaries @ 1st St. & Bayfront Park Mover Stations	6/1/2016
IRP187	Replace Exterior Ceiling & Lighting @ Knight Center & Miami Ave. Mover Stations	6/1/2016
IRP188	P & R @ SW 204 Street Lighting Upgrade	6/14/2019
IRP189	Elevator Phone & Alarm Replacement @ Hialeah Sta.	6/14/2019
IRP190	Bus Stop Shelter Signage - RFP784	8/21/2012
IRP191	Replace Underground Sanitary Drainage Line @ SPCC Restroom	4/27/2012
IRP192	Replace Roof@Earlington Heights Train Control Room	6/1/2016
IRP193	Metrorail M-Path Implementation of MPO Master Plan	10/1/2011
IRP194	Install Guard Booth @ Lehman Facility	6/1/2016
IRP195	Replace Floor Drain @ Lehman Facility	6/1/2016
IRP196	Kendall Drive Signalization Project (ARRA)	5/27/2017
IRP197	Procurement of Armored Trucks	10/10/2014
IRP198	Santa Clara Station Ductbank and Cable Replacement	5/8/2013
IRP199	Metrorail Video System Upgrade	5/19/2017
IRP200	Metrorail LED Station Lighting (Phase 1 - Cylinders)	6/1/2016
IRP201	Metrorail LED Station Lighting (Phase 2 - Cylinders)	10/1/2017
IRP202	E-H and Brownsville Delayed Door Egress System	6/1/2012
IRP203	Replace Emergency Doors @ Riverwalk Mover Station	6/1/2016



Project Number	Project Name	Date of Last Update
IRP204	TWC Wayside Equipment Installation Metrorail Stations	
IRP205	Replace Roof @ Central Fuel Island (3300 NW 32 Ave)	6/1/2016
IRP206	Modify Entrances @ Govt Center Rail & Mover Stations	1/20/2020
IRP207	Demolish Building @ 9590 NW 27 Avenue	6/1/2016
IRP208	Pressure Washing & Painting @ Dadeland North Parking Garage	6/1/2016
IRP209	William Lehman Facilities Roof Repair	6/1/2016
IRP210	Structural Inspection of the Metrorail AirportLink - Bridge 7	
IRP211	Inspection Vehicle for MIC Extention	9/5/2018
IRP212	Door Release Delay System at MLK, Northside & Santa Clara Stations	4/15/2014
IRP213	Overhaul Metrorail Wheel Truing Machine	12/15/2016
IRP214	Traction Power Crane Truck	
IRP215	Comprehensive Renovation of 19 MDT Metrorail Station Bathrooms (17 completed -6/23/18)	
IRP216	Procurement of Mobile Lifts	See IRP107
IRP217	Air Conditioning Installation at MDT Northeast Facility	12/1/2013
IRP218	Fare Collection Emerging Technology Enhancements and Regional Expansion	4/6/2015
IRP219	Procurement of Heavy Duty Service Trucks	3/7/2018
IRP220	Underwater Bridge Inspections Metrorail & Metromover	
IRP221	Traction Power Three Reel Trailer	1/30/2020
IRP222	Floor Leveling Project @ Three MDT Facilities (Central, Coral Way, Northeast)	1/16/2015
IRP223	Metrorail Maintenance Vehicle Lifts	8/24/2021
IRP224	William Lehman Facility, Vehicle Maintenance Bathroom	10/30/2018
IRP225	Metrorail Floor and Component Replacement	8/18/2017
IRP226	Emergency Roof Replacement at Lehman Facility	6/1/2014
IRP227	Forklift Purchase - Rail Vehicle Maintenance	See IRP271



Project Number	Project Name	Date of Last Update
IRP228	Metrorail Fiber Optic Repair and Capacity Augmentation Project	
IRP229	Emergency Recertification of Horizontal Lifeline Systems at Five MDT Location	3/1/2018
IRP230	Procurement of Diesel Forklifts	5/27/2019
IRP231	Install Four (4) Rooftop A/C Unites at Northeast Bus Garage	9/1/2014
IRP232	MDT Garage Wireless Implementation	1/7/2016
IRP233	Replacement of Diamond (Center) Frogs at Culmer Crossover	
IRP234	Railcar Cleaner Platform Replacement Project	
IRP235	SE 1 Avenue Metromover Corridor - FDOT Easement to County for MDT	8/31/2016
IRP236	Purchase of Hi-Rail Crewcab Trucks	under separate contract
IRP237	Metromover Traction Power Cable Replacement	
IRP238	Bus Body Rehabilitation	10/20/2019
IRP239	Metrorail LED Station Lighting (Phase 3 - Cylinders) University, Culmer and Civic Center	12/31/2019
IRP240	Metrorail LED Station Lighting (Phase 4 - Cylinders) Dadeland North, MLK, South Miami	4/1/2018
IRP241	Metrorail LED Station Lighting (Phase 5 - Cylinders) Tri-Rail, Santa Clara, Allapattah	7/1/2020
IRP242	Metrorail Programmable Logic Controller Replacement	See IRP319
IRP243	Culmer Crossover Improvements	9/5/2018
IRP244	Traction Power Switchgear Replacement	2/5/2020
IRP245	Purchase of New Underfloor Rail Wheel Truing Machine	See CIP220
IRP246	Bus Stop Signs Removal & Installation	
IRP247	Government Center Station - Fire Sprinkler System	
IRP248	Repair of Water Fountains at Vizcaya & University of Miami Metrorail Stations	11/25/2015
IRP249	Metromover Comprehensive Wayside System Overhaul	
IRP250	US1 Picket Fence Modification from SW 27 Ave to SW 24th Ave	10/11/2017



Project Number	Project Name	Date of Last Update
IRP251	Metrorail/7600 NW 27 Ave - Fence Line Encroachment	4/28/2016
IRP252	Metrorail Circuit Breaker Refurbishment / Retrofit & Switchgear Maintenance	9/29/2017
IRP253	Solar Panels for Buses	10/20/2019
IRP254	Replacement of brush/train modules and operating system @ Metrorail Train Wash	12/21/2017
IRP255	Replacement of Tactile Tiles and Between-Car Barriers @ Metromover Stations	closed
IRP256	Structural Repair at Allapattah Station Emergency Stairs	2/5/2020
IRP257	Metromover Vehicle F and G Inspections	See IRP300
IRP258	Field Engineering Systems Software and Hardware Upgrades	closed
IRP259	Demolish of Building @ 29500 S. Dixie Hwy	11/9/2017
IRP260	Fueling Terminal Modernization	
IRP261	LCD Electronic Signage at Bus Stops	unfunded
IRP263	Automated Fare Collection System (AFCS) Cloud Migration	
IRP264	Infotainment Upgrade to MDT Bus Fleet	unfunded
IRP265	Traffic Signal Prioritization (TSP) Expansion to Congestion Mgmt. Plan / Real-Time Connected Vehicle	
IRP266	Metrorail Platform Cabling Replacement	2/3/2017
IRP267	Purchase of Rail Wheel Press Machine	10/30/2020
IRP268	Metrorail Tri-Rail Station Traction Power Sub-Station	
IRP269	Diesel Tank Cleaning and Maintenance	
IRP270	Metromover HVAC EPA Compliance/Overhaul	
IRP271	Purchase of Five (5) Electric Forklifts for Materials Management Division	1/21/2020
IRP272	Traffic Management Center Phase 1 Reconfiguration Project	11/15/2016
IRP273	Metromover Vehicle Floor Replacement	See IRP300
IRP274	Replacement of Light Poles and luminaires at Culmer Metrorail Station-Park & Ride	2/1/2018
IRP276	Metrorail Platform Cabling Replacement	



Project Number	Project Name	Date of Last Update
IRP277	Video Wall for Bus Traffic Control	unfunded
IRP278	Lehman Yard Perimeter Security Fence	
IRP279	Install new electrical outlets for the three bus garage facilities	5/1/2017
IRP280	Install Solar Pole Light @ Vizcaya Metrorail Station	11/1/2017
IRP281	Metromover Comprehensive System Replacement	5/30/17 see IRP249/OSP220
IRP282	DPM Maintenance Building AC Replacement (40-ton)	11/30/2018
IRP283	Dadeland North Parking Garage - Fire Suppression	
IRP285	Metrorail Floor Replacement - Ten (10) Railcars	3/28/2019
IRP286	Metrorail Motor Control Overhaul Project - Twenty (20) Railcars	6/12/2019
IRP287	DTPW Rail Mainline Video Equipment Hardening	1/7/2018
IRP289	University Station Overpass Video Activation	see CIP184
IRP290	Renovation of Northeast Bus Transportation Building & Operators Bathroom	
IRP291	Replacement of Four Emergency Exit Doors at Culmer Station Entrance	
IRP292	Metromover Escalators Replacement & Elevators Refurbishment	
IRP293	Bridge House Modernization	Unfunded
IRP294	ESIS Recapitalization	
IRP295	Real-Time Connected Vehicle	See IRP265
IRP297	Train Control Infrastructure Parts Procurement	10/20/2019
IRP298	New Track & Guideway Work Facility	
IRP299	Traction Power Switchgear Replacement Project Phase III Updates	
IRP300	Metromover Vehicle Mid-Life Overhaul	
IRP301	Flatbed and Pick-up Trucks for Materials Management Daily Operations	5/29/2020
IRP303	Track & Guideway Work Facility Building	5/23/2022
IRP304	Construction, Engineering and Inspection Services for IRP Projects (Support)	



Project Number	Project Name	Date of Last Update
IRP305	Bus Passenger Benches	2/27/2020
IRP306	Renovate Lehman Center 2nd Floor (Admin)	
IRP307	Upgrade SW 112 Ave Park & Ride Lot (Target)	
IRP308	Activu Server Recapitalization	
IRP309	SCADA SCU Server Recapitalization	
IRP310	The Farebox System Modernization - all DTPW Bus Facilities	
IRP311	Torsion and Pullout Test located at Miami-Dade Metrorail	4/1/2019
IRP312	DPM Horizontal Fall Arresting System	
IRP313	SW 42 Ave over Coral Gables Canal Bridge No. 874275 Emergency Repair Design	
IRP314	Pressure Cleaning & Repainting of the Exterior of the Dadeland North Metrorail Station Parking Garage	Funded by IRP145
IRP315	Metromover Concrete Removal & Safety Netting Installation	
IRP316	Green/Orange Lines and PYD Switch Machine and Cable Replacement	Part of CIP169
IRP317	Structural Repairs at Dadeland North Metrorail Station Parking Garage	see IRP145
IRP318	Glass Doors Replacements at Government Center Metrorail Station Mezzanine Level	10/2/2019
IRP319	Metromover and Metrorail SCADA and Enterprise Ethernet Switches Replacements	
IRP321	Lehman Curve N41 Realignment	
IRP322	Metromover School Board Station Light Poles & Light Fixtures Upgrade	
IRP323	Parking Space Counters at Additional Metrorail Station Garages	
IRP324	ADA Vans (Americans with Disabilities Act)	
IRP325	Uplift Anchor Repairs at Pier BK-38 - Metromover Brickell Loop	
IRP326	Vehicle Maintenance Break Room Component Shop & Offices Remodel @ Lehman Center	
IRP327	PYD Road Crossing Renewal	
IRP328	Train Control Field Support on the Metrorail System Guideway and Train Control Rooms	



Project Number	Project Name	Date of Last Update
IRP329	Bus Garage & Employee Parking Lot Fixtures Upgrade	
IRP330	South Corridor (South Dade Transitway) Maintenance Agreement - RFP Development	
IRP331	Network Core Switches Recapitalization	
IRP332	Wireless LAN Access Point Recapitalization	
IRP333	Parking Lot Refurbishment at NE, Coral Way & Central Facilities	
IRP333A	Parking Lot Refurbishment at the Northeast Bus Facility	
IRP333B	Parking Lot Refurbishment at the Coral Way Bus Facility	
IRP333C	Parking Lot Refurbishment at the Central Bus Facility	
IRP334	Facilities Management Service Agreement	
IRP335	Upgrade Hialeah & Vizcaya Metrorail Station Light Poles & Fixtures	
IRP336	Upgrade Palmetto Metrorail Station Perimeter Fencing Light Poles & Fixtures	
IRP337	Coral Way Bus Facility Transportation Building Remodeling	
IRP338	Third Rail Isolation Disconnect Switches Replacement @ Palmetto Yard Maintenance Facility and Rail Guideway	
IRP339	DC Switchgear Upgrade Phase IV @ 8 Metrorail Traction Power Substations	
IRP340	Third Rail Expansion Joints Replacement	
IRP341	Metromover Train Automatic Disinfection System	
IRP342	Countywide Structural & Underwater Inspections for 13 Pedestrian Bridges	
IRP343	Metrorail, Metromover & Metrobus Facilities Replacement Doors	
IRP344	Dadeland South Tail Track - Installation of Security Perimeter Fence	
IRP345	DC Switchgear Upgrade Phase VI @ Palmetto Yard TPSS	
IRP346	40-Year Recertification DTPW Transit Facilities	
IRP347	40-Year Recertifications of DTPW Transit Facilities (2022)	
IRP348	Lightning Protection Grounding Network & Lighting Arresters Upgrade & Replacement Project Phase 1	



Project Number	Project Name	Date of Last Update
IRP349	Coconut Grove Metrorail Station Repair	
IRP350	Earlington Heights Metrorail Station Garage Repair	
IRP351	Vizcaya Metrorail Station Repair	
IRP352	Fifth Street Station to Eighth Street Station - 600V Cable Replacement	
IRP353	PDS T1, T2, T7 Transformer Replacement at the Metromover System	

Source: *Transportation and Public Works Active Project List May 2022. pdf*

Table E-3: *Miscellaneous Project Support (MPS) Projects*

Project Number	Project Name	Date of Last Update
MPS001	Riverwalk ATT Site	11/30/2011
MPS002	79th Street SFRTA Tri-Rail Station	1/1/2011
MPS003	US1 & SW 40 Street - Right Turn Lane Widening Improvement	3/1/2010
MPS004	Palmetto Extension - FDOT Directional Boring under Metrorail	9/1/2011
MPS005	Corner of NW 32 Ave and 41 Street - FPL and Comcast Relocation of Pole and Manhole	11/1/2008
MPS006	Tercero Storage Yard - Permit for Water Main Extension	2/1/2009
MPS007	Simpson Park - Proposed Playground adjacent to Guideway - Interlocal w/City of Miami	5/30/2013
MPS008	Metromover ROW @ NE 2 St to NE 3 St - Pet Trail Proposal	
MPS009	SW 10 Street WASD Pipeline Under Metrorail & Metromover	4/10/2015
MPS010	Gables Station at Douglas Metrorail Station	
MPS011	Artefacto at 101 South Dixie Highway	9/29/2021
MPS012	Ponce De Leon Parking Lot Extension @ 405 So. Dixie Highway	9/21/2012
MPS013	South Miami Metrorail Station	9/21/2012
MPS014	29000 S. Dixie Hwy WASD Easement Request	
MPS015	Installation of new FPL overhead transmission line along Busway & Metrorail (Turkey Point Units 6 & 7)	
MPS016	Dadeland North Station - WASD Pump Station 226	5/13/2013



Project Number	Project Name	Date of Last Update
MPS017	Transfer of MDT Parcels to OCED	5/30/2013
MPS018	Caribbean Boulevard/SW 200 Street - Proposed TOD by Housing & Community Development	
MPS019	Northside Metrorail Station - TOD	
MPS020	Okeechobee Metrorail Station - Proposed TOD by Housing & Community Development	
MPS021	Joint Development Project @ SW 295th & 296th Street	8/15/2017
MPS022	Gran Via (SW 127 Ave & 8 St) - TOD by Housing & Community Development	9/25/2014
MPS023	FPL License Agreement to Rebuild Existing Circuit - Along Ponce de Leon Blvd from Red Road to Douglas Road	
MPS024	Palmetto Bay Multi-Modal Center	3/15/2012
MPS025	Dadeland No./South Fl. Car Wash LLC	9/21/2012
MPS026	Miami River Greenway - City of Miami M-PATH	12/30/2012
MPS027	Museum Park	6/11/2012
MPS028	Pedestrian Pathway - NW 10 St to NW 3 Ave	5/30/2013
MPS029	Children's Courthouse - Parking Lot Redevelopment	10/22/2015
MPS030	Brothers to the Rescue Land Exchange	Proj on HOLD
MPS031	MDT Route 133 (Tri-Rail Airport Shuttle)	7/4/2005
MPS032	SR 836/Dolphin Expressway Southwest Extension	6/6/2019
MPS033	1000 NW 1 Ave - Beautification of Parcel by Carlisle Group	9/11/2015
MPS034	So Miami Hosp Force Main Project - WASD Easement	3/15/2012
MPS035	FL Gas Transmission 24" Gas Mainline Loop Miami Exp	3/30/2013
MPS036	Bus Station Reloc. @ Busway & SW 116 St to SW 120 St	4/6/2015
MPS037	Shorty's Restaurant @ 9200 S Dixie Hwy / Sewer Ext.	3/15/2013
MPS038	Courthouse Plaza Miami - SW 1st St - FPL Relocation	12/30/2012
MPS039	SR 934 / E 4 Ave - Milling & Resurfacing Work (FDOT)	12/31/2013
MPS040	Bird Rd/SW 38 St to US1- Milling & Resurf. (FDOT)	12/31/2013



Project Number	Project Name	Date of Last Update
MPS041	SR5/US1 (SW 168 St - 136 St) Milling & Resurf. (FDOT)	12/31/2013
MPS042	SW 87 Ave (US1 to SW 128 St) Milling & Resurf (FDOT)	2/28/2013
MPS043	SW 264/268 St Connector - PWD Project	4/15/2015
MPS044	FTTS 358 Mitchell Substation @ Busway & SW 92 Ave	6/8/2012
MPS045	546 - Suniland @ Busway & SW 121 St	6/8/2012
MPS046	Cabana Apts/Inst Fiber Optic Cable/SW 200 Dr & US1	6/8/2012
MPS047	Resort World Miami Int'l-Mover Omni Loop Relocation	1/1/2012
MPS048	Parking Lot Lease - Lot behind 2640 SW 28 Lane	5/30/2013
MPS049	SR90/SW 8 St - FDOT- Milling & Resurfacing Work	12/31/2015
MPS050	Casa Matias Apts/SW 260 St & Busway/Sidewalk Work	12/30/2014
MPS051	Bridge Mount Conduit@Metrorail Trail Track/So. End	12/31/2016
MPS052	I-395 Road Improvements/Bicentennial Park Station	6/30/2014
MPS053	SE 5 St/1 Ave-City of Miami-Roadway Improvement	3/15/2017
MPS054	NW 12 Ave & 20 St/Roadway Improvements - FDOT	8/28/2014
MPS055	W 20 St & 8 Ave - FPL Fibernet Gable Install	6/8/2012
MPS056	NW 79 St CSX Crossing - Track Repairs	4/2/2012
MPS057	900 Biscayne Blvd - Placement of Crane	12/30/2013
MPS058	OTV - Construction of Chilled Water Supply (ISD)	11/19/2012
MPS059	Lofts 2/1 St Mover Station - Window Cleaning	4/3/2012
MPS060	NW 27 Ave/NW 64 St - Fire Sta #2 - Water Main Inst.	11/30/2013
MPS061	My Brickell - New Build. Const. - 31 SE 6 St	1/31/2014
MPS062	Easement - So Mia Police Dept - Exit Lane	
MPS063	SE 1 Ave/SE 6 St - Relo. of Overhead Facilities (FPL)	8/2/2012
MPS064	Metrorail ROW & Coral Way/Relo. of 2 FPL Poles	6/3/2012



Project Number	Project Name	Date of Last Update
MPS065	NW 36 St & NW 12 Ave/FDOT Road Improvements	9/30/2014
MPS066	URD Newsstand @ Adrienne Arsht Mover Station	
MPS067	MDC Student Support Bldg/Bayside Sta/Access Exit	
MPS068	NW 12 Ave & NW 29 St/Cable Install by ABB	12/11/2012
MPS069	Miami Intermodal Center (MIC)	11/12/2021
MPS070	SW 57 Av/SW 68 St - Road Improvements - FDOT	12/31/2014
MPS071	Metromover/SW 1 St - Painting of Congress Bldg.	10/30/2012
MPS072	Busway & 296 St - Conduit/Cable Installation	1/21/2013
MPS073	Overtown Metrorail Sta/Cable Replacement by AT&T	10/30/2012
MPS074	SE 26 Rd/SW 1 Av - Sidewalk Construction (FDOT)	3/31/2015
MPS075	OTV - Install Aerial Fiber Optic Cable - ETSD	10/30/2012
MPS076	SR826/Palmetto Expressway Express Lanes PD&E Study	7/6/2005
MPS077	Fifth St. Mover Sta - Sealant App Fed Detention Ctr	12/30/2012
MPS078	Env @ 901 S. Miami Ave - New Bldg Construction	3/11/2015
MPS079	N. of Okeechobee Sta - PWWM Telemetry Installation	9/30/2014
MPS080	MAM Sculpture Installation	2/6/2014
MPS081	Millicento Bldg - 1100 So Miami Ave - Condo Const	7/1/2015
MPS082	Fifth St Mover Station - Rd Widening/Acquisition	3/15/2017
MPS083	Palmetto Corridor - FDOT Road Widening/Acquisition	12/10/2017
MPS084	Coconut Grove Sta - Fiber Optic Cable Replacement	2/30/2013
MPS085	NW 37 Ave - Okee Station - Cable Re-attachment	3/30/2013
MPS086	48 E Flagler St - Painting of Building Façade	12/30/2013
MPS087	College Bayside Station/McDonald's Renovation	12/30/2013
MPS088	US1 & SW 17 Ave - Utility Locates - FDOT	3/30/2013



Project Number	Project Name	Date of Last Update
MPS089	US1 & SW 27 Avenue - Utility Locates - FDOT	6/30/2015
MPS090	ITD Design Build - SPCC - Removal of Debris /AC System (2 Fan Units)	12/30/2013
MPS091	ITD Cable Re-Attchmt - Coconut Grove Station to South Dadeland Station	4/30/2013
MPS092	Met-3 Podium - SE 3rd Street between 2nd & 3rd Ave - Construction of parking garage	1/14/2015
MPS093	NW 36 Street from Okeechobee Road to NW 23 Avenue - Reconstruction Project	3/15/2016
MPS094	Shul of Downtown - Utility Crossing at Metromover/SE 1 Avenue & SE 9 Street	5/10/2016
MPS095	Various Metrorail Stations - Agreements with United Way for Site Use	9/25/2017
MPS096	Govt Center Station - Interdepartmental Agreement - MDT & ISD	
MPS097	SE 3rd St Improvements Between SE 3rd Ave & Biscayne Blvd	
MPS098	Metrorail near LeJeune Rd - Drainage Trench - 425 So. Dixie Hwy	12/31/2016
MPS099	East Side of Dadeland No. - Traffic Signal Installation	12/31/2016
MPS100	Metromover & NE 2 Ave - Installation of arch at downtown McDonalds	4/30/2013
MPS101	Safety Improvement Project for SR 9/SW 27 Ave @ SR 5/US 1 (FDOT project)	10/22/2015
MPS102	Metrorail/2450 SW 28 Lane - Uncle Bob's Storage - Exterior Paint Project	4/23/2013
MPS103	Miami Cultural Arts Center - Roof Tile Replacement - So. of Govt Center	12/31/2016
MPS104	US1 from SW 112 Ave to No. of SW 184 St - FDOT Roadway Improvements	12/31/2014
MPS105	Krome Ave from US1 to SW 297 St (Busway) - FDOT Roadway Improvements	12/31/2014
MPS106	Metrorail & NW 12 Ave from NW 29 Terr to NW 40 St – FDOT Roadway Improvements	4/24/2015
MPS107	FEC - Oleander Corridor aka "The Ludlum Trail (intersection SW 72 Ave & 85 St)	7/6/2005
MPS108	Metrorail/NW 11 Terrace - City of Miami Greenway Improvements - B30624	
MPS109	Metrorail near MIA Metrorail Station/CSX RR Crossing - Gas Main Installation	4/20/2013
MPS110	Bicentennial Mover Sta - Miami Science Museum - Installation of Precast Concrete	12/30/2013
MPS111	Metrorail Corridor at NW 7 Avenue - FDOT Roadway Reconstruction from NW 8 St to NW 36 St	10/27/2017



Project Number	Project Name	Date of Last Update
MPS112	Metromover ROW & SE 1 St - Comcast Emergency 911 Fiber Optic Cable Repair	7/31/2013
MPS113	Hialeah Metrorail Corridor/NW 79 Street - FDOT Roadway Improvements	5/29/2016
MPS114	Miami River Greenway Site 2 @ Metromover 5th Street Station – Site Improvements	3/15/2016
MPS115	Northside Metrorail Station - Utilities & Roadway Improvements for Walmart	1/21/2015
MPS116	Metrorail & NW 72 Ave (Medley) - Construction of Fiber Optic Cable by MCI	12/30/2013
MPS117	Hialeah Metrorail Corridor/W 21 Street - FPL Emergency Insulator Change-Out	8/16/2013
MPS118	Metrorail Corridor/1470 SW 1 Court - Demolition of Commercial Building	5/10/2016
MPS119	Metromover Corridor at MDC - MDC Chilled Water Pipe Installation	12/30/2013
MPS120	Target (Dadeland South) Sidewalk Connection to Busway	5/10/2016
MPS121	Metrorail So. Corridor & Dadeland Bd - Install of Conduit & Fiber Optic Cable	9/24/2014
MPS122	Palmetto Metrorail Station - Installation of Monitoring Wells On Station Site	9/30/2013
MPS123	South Miami Hospital Egress Driveway under Metrorail Guideway	9/30/2014
MPS124	Metromover/SE 2nd Ave - I-95 Ramp Improvements - Install Traffic Signal Pole	1/14/2015
MPS125	Bicentennial Park Station/Museum Drive - Miami Art Museum - Installation of Poles	12/31/2016
MPS126	Busway/SW 304 Street - Florida City Gas - Installation of 2" Gas Main	5/22/2016
MPS127	Metrorail/SW 26th Road - UM Marine Campus - Installation of HDPE Conduit and FOC	5/22/2014
MPS128	Metrorail/SW 13 Street - Publix Store #0581 - Renovation	6/5/2014
MPS129	Metrorail/SR 112 (Airport Expressway) - MDX Gantry Replacement - Installation	12/31/2016
MPS130	Metrorail/NW 72 Avenue - Fibernet Conduit and Fiber Optic Cable Installation	3/31/2014
MPS131	Culmer Metrorail Station Property - Washington Square Apts – Staging Area	2/15/2015
MPS132	Metromover Corridor & One Herald Plaza - Demolition of the Miami Herald Building	3/1/2015
MPS133	Metromover/NE 2 Ave. - North & South of 8 Street - Miami World Center One Development	
MPS134	Metrorail/SR 836 WB 12 Ramp - Installation of Tolling Gantry by MDX	12/31/2014



Project Number	Project Name	Date of Last Update
MPS135	Metrorail Guideway from NW 8 Street to NW 11 Street - ITD Cable Reattachment	8/15/2014
MPS136	Busway/Datran Blvd. to SW 104 Street - Emergency Fiber Optic Cable Repairs	11/30/2014
MPS137	Metrorail Stations (Various) - Automated Convenience Stores	12/10/2015
MPS138	Metromover/NE 2 Street - Demolition of Building at 227 NE 2 Street	12/30/2014
MPS139	Metromover (End Section) NE 15 Street - Installation of Conduit and Fiber Optic Cable	4/31/15
MPS140	Metromover/MDCWolfson Campus Culinary Art Building - Construction of a Concrete Ramp	3/15/2014
MPS142	Metrorail MIC Connection/NW 28 Street - Environmental and Geotechnical Exploration	8/12/2016
MPS144	Metromover/Fedex Building - Painting of Building	6/30/2014
MPS145	Metrorail/NW 7 Avenue Near NW 11 Street - UG Conduit Installation	12/31/2015
MPS146	Allapattah Metrorail Station - Art in Public Spaces – Sculpture Restoration	6/30/2014
MPS147	Metrorail/OTV No & So Buildings - Window Sealing, Exterior Waterproofing and Re-roofing	3/31/2015
MPS148	M-PATH Bicycle and Pedestrian Counting Equipment and Web-based Software	3/20/2015
MPS149	University Metrorail Station Parking Lot Reconfiguration - Due to Dickinson Dr. Relocation	9/20/2018
MPS150	Busway/Turnpike HEFT Widening from SW 216 Street to Eureka Drive	3/14/2017
MPS151	MIC Metrorail Corridor/FDOT NW 28 Street Extension – Roadway Construction	8/12/2016
MPS152	Metrorail Corridor @ Ruiz Ave. and Ponce de Leon Blvd – Fibernet Conduit and FOC Installation	8/30/2015
MPS153	Metrorail Tail Section - Dadeland South Station - KB Window Cleaning	2/25/2015
MPS155	University Metrorail Station Parking Lot Reconfiguration - Due to Merrick Dr. Modification	
MPS156	Rail Corridor - SW 67 Ave to Dadeland Station - MDX Landscaping	12/31/2015
MPS157	Metrorail/SW 13 Street - Publix - Installation of Fence	6/5/2014
MPS159	Metrorail/W. 4th Ave - FDOT SR934 Milling, Resurfacing and Widening Project	7/14/2015
MPS160	FDOT Bridge Rehabilitation at I-95 over Metrorail and SW 1st Ave	8/20/2015
MPS161	Metromover/Miami Dade College - Installation of one Awning	1/31/2015



Project Number	Project Name	Date of Last Update
MPS162	Metrorail/Snapper Creek Expressway - MDX ITS Installation Plans	2/28/2017
MPS163	Vizcaya Metrorail Station - GreenLights Project by Friends of GreenLink - Lighting Installation	3/31/2015
MPS164	Metromover & SE 11 St - Brickell Flatiron Sales Center - Installation of Exfiltration Trench & Modular Trailers	12/31/2014
MPS165	SW 3 St from SE 2 Ave & S. Biscayne Blvd - Installation of Fiber Optic Cable Via Directional Bore	8/20/2020
MPS166	10th St Mover Station & Brickell Plaza - 1010 Brickell Project – Demo of Existing Parking Garage	8/12/2020
MPS167	Metrorail/SW 1 Ave - Fibernet UG FOC Installation - 1450 Brickell Ave	2/28/2015
MPS168	Metrorail/NW 32 Ave - Walmart DIP Water Main Installation – Bowman Consulting	1/21/2015
MPS169	Metrorail/SW 70 Ave - Environmental Testing - Soil Samples and Inspection of Site	10/15/2014
MPS170	Metrorail/SW 70 Ave - Access for Land Survey - ALTA Development - Ludivici & Orange	10/15/2014
MPS171	Metrorail/SW 70 Ave - Geotechnical Test - Take Soil Samples	10/22/2014
MPS172	Letters of No Objection - Response Letters to Municipalities	
MPS173	Mover/SE 11 Street - Brickell Flatiron Condo Development	1/30/2020
MPS174	Metrorail Corridor/NW 36 St - NW 39 St - Specific Purpose Survey	12/31/2014
MPS175	Metrorail/SR 112 - MDX Lighting Project - Installation	11/7/2015
MPS176	Metrorail/The County Miami River Greenways - Sites 4 and 5	
MPS178	Busway / Caribbean Blvd - Florida City Gas Main Replacement - Cutler Bay	4/29/2016
MPS180	Metrorail Bridge/Miami River - M-DC Cultural Affairs Neon Artwork Installation	
MPS181	Metromover/NE 2 Ave - Window Cleaning of the Loft II Condominium Building	3/31/2015
MPS182	Metrorail/NW 12 Ave & NW 14 St - Sylvester CCC Fiber Optic Cable Interconnection	8/10/2016
MPS183	Metrorail/NW 27 Ave & NW 55 St - Underground Gas Main and Service Line installation	5/11/2016
MPS185	Metromover/NE 2 Ave near NE 10 St - Comcast UG Cable Installation	
MPS186	Busway/Quail Roost Drive - FDOT Curb and Gutter Upgrades Construction	4/20/2015
MPS187	Metrorail/SW 1 Ave & SW 8 St - WASD Gravity Sewer Pipeline Installation	3/18/2016



Project Number	Project Name	Date of Last Update
MPS188	The Busway/Turnpike - WASD UG Pipeline Installation	
MPS189	The Busway/Civic Center - City of Homestead Sidewalk Construction	5/8/2020
MPS190	Culmer Station - Interdepartmental Agreement between MDT & WASD (Parking Spaces)	
MPS191	Metrorail/Dadeland North Station - Access to Metrorail Corridor for Surveying Activities	
MPS192	Metrorail/NW 11 Terrace - Comcast UG Installation - East Side	
MPS193	The Busway/S. Caribbean Blvd - Comcast UG Installation	
MPS194	Metrorail/SW 13 St - WASD Gravity Sewer Line Installation	5/15/2017
MPS195	Metrorail/Metromover/N of NW 3 St - ITD Communication Line Installation	6/30/2015
MPS196	Metrorail Corridor/SW 57 Ave - So Miami Red Light Camera Installation	
MPS197	MDT Tenth Street Promenade Metromover Station - Reinstallation of Artwork	5/23/2015
MPS198	City National Bank - Lease Agreement - Space @ Govt Center	9/1/2018
MPS199	Metrorail/NW 11 St & 10 Ave - Comcast UG Conduit and Cable Installation	
MPS200	Busway/SW 168 Street - FCG Gas Valve Exposure and Repair	4/20/2015
MPS201	US1 from Ponce deLeon Blvd to SW 37 Ave - Douglas Rd Ped Bridge Reconstruction	11/1/2019
MPS202	Metromover/SE 3rd Street - MET Square Multi-Story Building Construction	
MPS203	Metrorail/NW 74 St - FPL Fibernet UG Cable Installation	
MPS204	Metrorail/US Hwy - 1 at Granada Blvd. - FDOT Roadway Improvements Construction	2/6/2017
MPS205	Metrorail North Corridor/NW 27 Ave and NW 50 St - FCG UG Gas Main Installation	11/30/2015
MPS206	Metrorail/NW 79 St & NW 32 Ave - Fibernet UG FOC Installation	
MPS207	Metrorail/Metromover & W. Flagler St - Comcast UG FOC Installation	
MPS209	Metrorail/SW 84 St - UG Conduit and Cable Installation	
MPS210	Metrorail/The Underline - Videography of the M-Path	9/30/2015
MPS211	The Busway/Progress Rd - FOG S/L Installation - Auto Body Express	9/11/2015



Project Number	Project Name	Date of Last Update
MPS212	Metrorail/NW 12 Ave & NW 14 St - UMH Pathology Construction	
MPS213	Busway/SW 238 St - FPL Pole Replacement	1/25/2016
MPS214	Metrorail/SW 40 St - FDOT Safety Improvement Project	6/1/2018
MPS215	Metrorail/SW 1 Ave - FPL Pole Replacement	
MPS217	Busway/SW 111 Ave - FPL Pole Replacement	1/25/2016
MPS218	Metromover/NE 15 St & Miami Ave - Comcast UG FOC Installation	
MPS219	Metromover/Courtyard by Marriot - Garage Wall Repairs	12/30/2015
MPS220	Metromover/SE 1 St & S. Miami Ave - Comcast Conduit & FOC Installation	
MPS221	Metrorail/NW 12 Ave & NW 31 St - WASD Water Main Installation	10/25/2016
MPS222	Metromover/SW 1 Ct & SW 1 St - FPL Fibernet UG Conduit & FOC Installation	
MPS223	Metrorail/SW 1 Ave - UG Conduit and FOC Installation	
MPS224	The Underline Study	
MPS225	Metrorail/W 21 St & South of Palm Ave	
MPS226	Metrorail Tail End/Palmetto Expressway - FDOT Roadway Reconstruction	
MPS227	Civic Center Metrorail Station - Library Kiosk	
MPS228	South Dade Busway Between SW 98 St & 104 St – Williamson Cadillac - Lease Agreement	
MPS229	ATM @ Various Metrorail Stations	
MPS230	Metrorail Corridor/SW 1 Ave & SW 8 St - City of Miami Brickell Drainage & Roadway Improvements	
MPS231	Metromover/Miami Dade College - Corrective Construction at Culinary Institute Building	
MPS232	Metromover/SW 3 St - Banner Self Storage Facility Construction	10/10/2017
MPS233	Metromover/SE 11 St - Brickell Flatiron Foundation & Podium Construction	4/1/2020
MPS234	Metromover/SE 1 Ave & SE 5 St - Comcast UG Conduit and Cable Installation	
MPS235	Metrorail/Snapper Creek Expressway - UG Conduit and Cable Installation	7/15/2016



Project Number	Project Name	Date of Last Update
MPS236	Metrorail/SW 1 Ave & SW 7 St - Temp. Construction Permit for Staging	
MPS237	Metrorail/Ponce de Leon to SW 37 Ave - Soil Boring Sampling	
MPS238	Metrorail/NW 12 Ave & N of 1500 Block - FDOT Roadway Construction	
MPS239	Metrorail/W 20 St & W 8 Ave - Comcast UG Conduit and Cable Installation	
MPS240	Metrorail/Metromover & NW 3 St - FPL Duct Bank Extension Installation	10/20/2017
MPS242	Metrorail/Metromover/Busway Corridors - FDOT Bridge Inspection of Bridges in Miami Dade County	
MPS243	Busway/Palmetto Golf Course - FM Installation by WASD	
MPS244	Metrorail/Snapper Creek Blvd - Uncle Bob Self Storage - Painting	11/2/2016
MPS245	Metromover/College Bayside Metromover Station - Vice Building Construction	12/7/2018
MPS246	Metrorail/SW 62 Ave - Temporary Staging and Delivering of Generator to So Miami Hospital	11/30/2017
MPS247	Busway/SW 104 St - FDOT Roadway Improvement Project	11/2/2018
MPS248	Metrorail/SW 62 Ave - FPL Pole Replacement	
MPS249	Metrorail/7321 NW 75 St - Venevision Studios LLC Landscaping Project	7/24/2016
MPS250	P & R Lot @ SW 152 St & Turnpike - Temp staging of Ductile of Iron Pipes for WASD Project	
MPS251	Metrorail/Datran Dr - UG Conduits and FOC Installation	
MPS252	Busway/SW 140 St - SW 160 St - FPL Utility Poles Replacement	
MPS253	Concession Program - Customer Amenity Program at Metrorail/Metromover Stations	5/23/2017
MPS254	Adrienna Arsht Center Station Site - Crane Staging and Set-up for AC Replacement	7/27/2016
MPS255	Busway/SW 152 St - FDOT Milling & Resurfacing Project	2/7/2018
MPS256	Metrorail/Dadeland North Station - Sign Replacement Activity	8/30/2016
MPS257	Metrorai/Metromover Corridor/NW 3 St - Installation of UG Fiber Optic Cable	
MPS258	Metromover Corridor/SE 1 Ave - UG Conduit & FOC Installation	
MPS259	Busway/SW 120 St - WASD 16 inch WM Installation	7/30/2018



Project Number	Project Name	Date of Last Update
MPS260	Metrorail/The Ivy Condo - Exterior Painting Project	9/7/2016
MPS261	Metromover/SE 3 St - UG conduit and Cable Installation - Zayo	
MPS262	Metrorail/2650 SW 28 Ln - Safeguard Self Storage - Exterior Painting	6/20/2018
MPS263	Metrorail/NW 1500 Block - Ride Only Roadway Reconstruction	
MPS264	Metromover/NE 2 Ave - Duct Bank Installation	6/20/2018
MPS265	Metrorail/S Dade Transitway - Redflex Traffic System Development	
MPS266	Metromover/NW 5 Street - FPL Duct Bank Installation - AAF	
MPS267	Metrorail/LeJeune Road - FPL Switch Riser and UG Cable Removal	
MPS268	Metrorail/S. of LeJeune Road - FPL Pole Replacement	
MPS269	Metromover/NE 15 Street & Bisc Blvd - Replace Cooling Towers @ Omni Hotel	
MPS270	Metromover/SE 2 Ave & SE 3 St - FDOT Roadway Reconstruction	10/11/2019
MPS271	Busway/Marlins Road - WASD Pump Station No 1068 Upgrades	6/7/2017
MPS272	Omni Metromover Tail End/NW 15 St - Conduits and Cable Installation by FPL Fibernet	
MPS273	Metromover/Courtyard by Marriott - Exterior Painting	
MPS274	Right of Way Engineering Consulting Services	
MPS275	Real Estate Consulting Services	
MPS276	Busway/SW 107 St - WASD UG Form Main Installation	9/7/2018
MPS277	Metrorail/Ponce De Leon Blvd - Bridge Foundation Evaluation Program	12/8/2016
MPS278	Busway/Palmetto Golf Course - Fumigation of Coral Reef Air Monitoring Station	2/22/2019
MPS279	Metromover/SE 1 Ave - FPL New Duct Bank System by Mastec	8/14/2017
MPS280	Metromover - Miami DDA Biscayne Green Island Improvements	12/15/2016
MPS281	Metromover/SE 1 Ave and SE 6 St - UG Conduit and Cable Installation	
MPS282	Metromover/NW 5 St - WASD WM Installation - Gran Central Station	



Project Number	Project Name	Date of Last Update
MPS283	Transitway/SW 216 Street - Gravity Sewer Line Installation	
MPS284	Metromover/SE 2 Ave - 16 SW 2 Street Development	
MPS285	Transitway/13301 SW 87 Street - US Storage Center Construction	2/15/2017
MPS286	Metrorail Corridor/SW 7 St - North Star for Staging – Blackbird Ordinary	
MPS287	Metrorail/Santa Clara Station - AT&T Access to Santa Clara Metrorail Station Site	4/30/2017
MPS288	Metromover/NE 2 Ave & NE 12 St - UG FOC Installation - CWSI	3/22/2017
MPS289	Metromover/SE 3 St & Bisc Blvd - UG FOC Installation - CWSI	
MPS290	Airport Link Metrorail Corridor/NW Miami River - FCG Crossing - Land Surveying Activities on Site	
MPS291	Metrorail/SW 28 Lane - Exterior Painting of Safeguard Self Storage Facility	5/31/2017
MPS292	Airport Link Metrorail/NW 36 St - Light Pole and Concrete Paving Work for Lehman Bldg.	12/26/2017
MPS293	Metrorail South Corridor/FPL Proposed Corridor - Geotechnical Field Exploration	
MPS294	Metrorail/US 1 @ Bird Road - FDOT Safety Improvement Project	1/30/2019
MPS295	South Dade Transitway/Killian Drive - FDOT Roadway Improvements Construction	4/5/2019
MPS296	Design Rail Crossings Improvement @ NW 42 Ave & 36 St	8/9/2019
MPS297	Metrorail/Ponce de Leon - Level 3 - Oak West FOC Installation	
MPS298	Metrorail/SW 19 Ave - WASD Force Main - Installation	
MPS299	Metromover/NE 5 St - MDC Bldg # 6000 - Reroofing	
MPS300	So. Dade Transitway/US1 @ SW 200 St - FDOT Reconstruction	11/28/2018
MPS301	So. Dade Transitway/US1 @ SW 312 St - FDOT Reconstruction	
MPS302	So. Dade Transitway/US1 @ SW 336 St - FDOT Reconstruction	
MPS303	Metrorail/E 25 St/NW 79 St - FDOT Roadway Reconstruction	2/7/2020
MPS304	Metrorail/NW 74 St - FDOT Roadway Reconstruction	
MPS305	Metromover/Bisc Blvd - FDOT Roadway Reconstruction	8/19/2020



Project Number	Project Name	Date of Last Update
MPS306	Metrorail/Kendall Drive - FDOT Reconstruction	4/6/2020
MPS307	Metrorail/SW 29 Ave - Cassa Grove Development - Construction	
MPS308	Metromover/MDC Bldg 9000 - Mechanical System Refurbishment - Chillers	12/28/2017
MPS309	Metrorail/S. Dade Transitway/Various Locations - FCG Jet Fuel Line - Dig Locations for Inspection	
MPS310	Metromover/NW 5 St - UG Conduit and FOC Cable Installation - Level 3 Communications	
MPS311	Transitway/SW 246 St - Staging Area to Park Trucks Temporarily	7/10/2017
MPS312	Metrorail/NW 28 Street - Fibernet UG Conduit and Cable Installation	12/5/2017
MPS313	I-195 @ North Miami Ave. Interchange Modification Report	Projected: 02/15/20
MPS314	Metromover/Biscayne & SW 3 St - UG Conduit and Cable Installation	
MPS315	Contract Support Services	
MPS316	S. Dade Transitway/SW 312 St - Fibernet UG Conduit & Cable Installation	12/31/2019
MPS317	S. Dade Transitway/SW 288 St - Fibernet UG Conduit & Cable Installation	6/19/2019
MPS318	Metrorail/Douglas Road Station Conveyance & FDOT Construction	
MPS319	Metromover/S Miami Ave - FedEx Sign Replacement	10/12/2017
MPS320	Metromover/Art Miami - Temporary Staging and Access of the Guideway Corridor	
MPS321	Metromover Btwn NE 2 St & NE 3 St - City of Miami Pathway Improvement	
MPS322	Metrorail/SW 3 St - Riverfront Master Assoc Gate Control Installation	
MPS323	Metrorail/Underline - Star Bucks Access Easement	
MPS324	Metrorail/Metromover & NW 3 St - FPL Access Easement	
MPS325	Metrorail/2450 SW 28 Ln - Novel Sign Installation	
MPS326	S. Dade Transitway/SW 146 St - Fibernet UG FOC Installation	1/7/2019
MPS327	S. Dade Transitway/SW 284 St - UG Conduit and Cable Installation for Verizon Site 149	11/8/2017
MPS328	S. Dade Transitway/SW 170 St - UG Conduit and Cable Installation for Verizon Site 146	4/30/2018



Project Number	Project Name	Date of Last Update
MPS329	Metrorail/Dadeland South Station - Sign Replacement	
MPS330	Metromover/Between SE 6 St & 7 St - Brickell World Plaza - Construction	
MPS331	City of Homestead Multimodal Transportation Development	
MPS332	Metrorail/Ponce de Leon Blvd - UG Conduit and Cable Installation - Fibernet	8/16/2018
MPS333	Metrorail/SW 3 St - UG Conduit and Cable Installation - CWSI	
MPS334	Metrorail/NW 12 Ave & 16 St - Fibernet UG Conduits and Cable Installation	
MPS335	Metromover/MDC - Reroofing of Bldg #3000	
MPS336	Metrorail/SW 31 Ave - Public Storage Refurbishment - Neon Sign	
MPS337	Contracted-Out Bus Routes	
MPS338	Metromover/Biscayne Blvd - UG Conduit and Cable Installation	3/27/2018
MPS339	Metromover/Adrienne Arsht Center - Omni Over Pass - Installation of Graphics	
MPS340	Metrorail/Culmer Bend - City of Miami Canal Restoration	
MPS341	Metrorail/SW 16 Ave - FPL Pole Replacement	
MPS342	Metrorail/SW 22 Ave - FDOT Roadway Reconstruction	8/19/2020
MPS343	South Dade Transitway/SW 248 St - UG Conduit and Cable Installation	9/30/2019
MPS344	South Dade Transitway/SW 136 St - Subsurface Utility Exploration	
MPS345	Eighth Street Metromover Station and Other Stations - Graphic Signage Installation	
MPS346	So. Dade Transitway/SW 232 St. - FDOT Intersection Improvement Project	
MPS347	Metromover/900 S. Miami Ave - UG Conduit and Cable Installation	
MPS348	Metrorail/SW 72 St - UG Conduit and Cable Installation	
MPS349	Metromover/NE 2 Ave - Conduit & Cable Installation	
MPS350	Metromover/NE 5 St - 48 Inch Water Main Installation	
MPS351	Metrorail/NW 42 St - UG Conduit and Cable Installation	12/16/2019



Project Number	Project Name	Date of Last Update
MPS352	Metrorail/NW 69 St - UG Conduit and Cable Installation	8/26/2019
MPS353	South Dade Transitway/SW 248 St - Installation of Monitoring Wells	
MPS354	Metrorail/NW 12 Ave & NW 15 St - UM UG Utilities Installation	
MPS355	Metrorail/NW 12 Ave & NW 33 St - UG Conduit and Cable Installation	2/8/2019
MPS356	Metrorail/NW 12 Ave & NW 22 St - UG Conduit and Cable Installation	
MPS357	Metrorail/NW 12 Ave & NW 29 St - UG Conduit and Cable Installation	3/14/2019
MPS358	Metrorail/Culmer Station/NW 7 Ave - UG Conduit and Cable Installation	4/9/2019
MPS359	Metrorail/NW 7 Ave & NW 11 St - Ground Water Monitoring Wells Installation	
MPS360	Metromover/Biscayne Blvd & NE 15 St - UG Conduit and Cable Installation	9/25/2019
MPS361	Metromover/Brickell Station - Brickell Test Hole Excavation	
MPS362	Metrorail/SW 84 St - Pedestrian Crosswalk Ramp Construction	
MPS363	Metrorail/Underline - Make Music Miami	
MPS364	South Dade Transitway/SW 146 Ct - Water and Sewer Service Installation	
MPS365	DTPW Bike Share Program - Ride On Miami, LLC	
MPS366	Metrorail/Dadeland South Station - Dadeland Marriott Chiller Replacement	
MPS367	Metrorail/US 1 & Riviera Drive - FDOT Roadway Reconstruction	2/5/2021
MPS368	Metrorail/SW 8 St - Conduit and Cable Installation	8/31/2018
MPS369	Metrorail/US 1 & SW 17 Ave - FDOT Roadway Reconstruction	
MPS370	South Dade Transitway/Quail Roost Drive - WASD Pump 1065 Upgrade	
MPS371	HUM Provider Holdings, LLC - Permit Agreement	
MPS372	South Dade Transitway/SW 312 St - Conduit and Cable Installation	
MPS373	South Dade Transitway/SW 122 St - WASD Sewer Main Installation	
MPS374	Metrorail/1501 NW 12 Ave - UG Conduit and Cable Installation	



Project Number	Project Name	Date of Last Update
MPS375	Metrorail/SW 81 St - UG Conduit & Cable Installation	
MPS376	Metromover/Herald Plaza - Art Miami/Context Art Fair	
MPS377	Metrorail South Corridor - FPL Soft Dig for Utility Locates	
MPS378	Metrorail/155 S Dixie Hwy - FPL Pole Replacement	
MPS379	Metrorail/Ponce de Leon Blvd - FPL UG Conduit Installation	
MPS380	Metromover/NE 15 St - Painting of the WLRN Building	9/23/2018
MPS381	Lehman Yard - ITD Conduit and FOC Cable Installation	
MPS382	Metromover/NE 15 St & Bisc Blvd - MD-WASD Excavation and WM Repair	
MPS383	Emergency Structural Assessment and Shoring - Bus Accident	10/18/2018
MPS384	Metromover/Riverwalk Station - Red M Art Piece Restoration	
MPS385	S Dade Transitway/Krome Ave - UG Conduit and Cable Installation	
MPS386	S Dade Transitway/53 N Flagler Ave - UG Conduit and Cable Installation	10/24/2019
MPS387	Metrorail/SW 28 Ln - Grove II Self Storage Construction	
MPS388	Metrorail/S. Alhambra Circle - Light Pole Installation	
MPS389	Metrorail/NW 12 Ave & NW 18 St - UG Conduit & Cable Installation	
MPS390	Metrorail/NW 12 Ave & NW 16 St - UG Conduit & Cable Installation	
MPS391	Metrorail/Brickell Station - Groundwater Monitoring Well Installation	12/20/2018
MPS392	Metrorail/Metromover NW 3 St - UG Conduit and Cable Installation	4/16/2020
MPS393	Metrorail/SW 1 Ct & SW 2 St - UG Conduit and Cable Installation	7/31/2019
MPS394	Metrorail/NW 12 Ave & NW 16 St - UG Conduit & Cable Installation	4/6/2020
MPS395	Metromover/Bisc Blvd & E Flagler St - UG Conduit and Cable Installation	
MPS396	Metrorail/SW 27 Ave - UG Conduit and Cable Installation	7/29/2019
MPS397	Metrorail/SW 32 Ave - UG Conduit and Cable Installation	7/2/2019



Project Number	Project Name	Date of Last Update
MPS398	Building 600 @ 25 Street LLC - Permit Agreement	3/17/2020
MPS399	Metrorail/SW 1 Ave & SW 14 St - UG Conduit and Cable Installation	4/16/2019
MPS400	Metrorail/155 S Dixie Hwy - UG Conduit and Cable Installation	
MPS401	Metrorail & Busway - FDOT D6 ITS Device Replacement Project	
MPS402	Metrorail/W 12 Ave & W 23 St - MCI Conduit and Cable Installation	6/28/2019
MPS403	Metrorail/NW 27 Ave - MCI Conduit and Cable Installation	4/23/2019
MPS404	Metromover/Bisc Blvd - E Flagler St to NE 15 St - MCI Conduit and Cable Installation	5/8/2019
MPS405	Metrorail/SW 22 Ave - New Wireless Infrastructure Installation	
MPS406	Metrorail South Corridor - Domino Artwork Painting on Metrorail Columns	
MPS407	Metrorail/Metromover & NW 1 St - New County Courthouse Development	
MPS408	Metrorail/SW 22 Ave - UG Conduit and Cable Installation	10/16/2019
MPS409	Metromover/SW 1 St - UG Conduit and Cable Installation	
MPS410	Metromover/SE 11 St - Removal of Air Conditioning Units by Helicopter	
MPS411	Metromover/SE 10 St - MCI UG Conduit and Cable Installation	10/18/2019
MPS412	Metrorail/SW 88 St - Level 3 UG Conduit and Cable Installation	
MPS413	Metrorail/Douglas Rd Station - CUA Removal and Installation of Leaning Arches	
MPS414	Metrorail/Coconut Grove Station - Installation of Monitoring Wells	
MPS415	Metrorail/SW 67 Ave & SW 88 St - MCI Conduit and Cable Installation	5/29/2019
MPS416	Metrorail/SW 2 St - MCI Conduit and Cable Installation	2/16/2019
MPS417	Metrorail/Metromover & W. Flagler St - MCI Conduit and Cable Installation	9/30/2019
MPS418	Metrorail/SW 37 Ave - UG Conduit and Cable Installation	6/2/2020



Project Number	Project Name	Date of Last Update
MPS419	Metrorail/Dadeland Blvd - Level 3 UG Conduit and Cable Installation	
MPS420	South Dade Transitway/SW 168 St - Force Main Installation	4/21/2020
MPS421	Metromover/SW 1st Ave & SW 14 St - UG Conduit and Cable Installation	
MPS422	Metrorail/Coral Gables Canal - US1 Bridge Painting	7/1/2019
MPS423	Metrorail/Jaguar Land Rover (JLR) Dealership - Monitoring Wells Installation	
MPS424	Metrorail/Coral Gables Fire Station 10 - UG Conduit and Cable Installation	
MPS425	Metromover/Brickell Plaza - MIC UG Conduit and Cable Installation	11/8/2019
MPS426	Metromover/Miami Dade College - Wolfson Campus Bldg #7 Renovation	
MPS427	Metrorail/S. Alhambra Circle - Pedestrian Ramp Reconstruction	
MPS428	Metrorail/Coral Gables Fire Station No. 2 - Building Renovation and Addition	
MPS429	S. Dade Transitway/US 1 - FDOT Pedestrian detours	
MPS430	Metrorail/SW 1 Ct & SW 3 St - UG Conduit and Cable Installation	
MPS431	Metromover/NE 6 St - UG Conduit and Cable Installation	
MPS432	Metrorail/Ponce de Leon Blvd & Greco Ave - UG 2 Inch Gas Main Installation	
MPS433	Metrorail/Earlington Heights Station - Land Surveying Activities	
MPS434	Metrorail/Ponce de Leon Blvd - MCI UG Conduit and Cable Installation	4/23/2020
MPS435	Metrorail/SW 72 St - MCI UG Conduit and Cable Installation	8/15/2019
MPS436	Metrorail/Civic Center Station - Miami Health District Branding & Landscaping	
MPS437	So Dade Transitway - Tree Replacement Program	
MPS438	Metromover/NE 2 Ave - Yotel Construction	
MPS439	Metrorail/455 S. Dixie Hwy - Easement for Force Main & Installation	
MPS440	Historical Bridge As-Built Drawings Archive	
MPS441	Metrorail/NW 11 Terr & 2 Ave - UG Conduit and Cable Installation	



Project Number	Project Name	Date of Last Update
MPS442	Metrorail/SW 72 Ave - MCI UG Conduit & Cable Installation	9/25/2019
MPS443	Metrorail/SW 16 Ave - FPL UG Conduit & Cable Installation	
MPS444	City of Homestead - Temporary Bus Shelters (North of Mowry Drive- Transitway)	
MPS445	Metromover/NE 5 St & N. Miami Ave - UG Conduit & Cable Installation	
MPS446	S. Dade Transitway/US 1 from SW 344 St to SW 112 St – FDOT Lighting Retrofits Project	
MPS447	Metrorail/SW 98 St to Granada Blvd - FDOT Lighting Retrofits Project	
MPS448	Metrorail/NW 74 Ave & NW 78 St - UG Conduit & Cable Installation	5/18/2020
MPS449	AirportLink Metrorail/NW 28 St - MCI UG Conduit & Cable Installation	
MPS450	Metrorail/NW 27 Ave & NW 58 St - UG Conduit & Cable Installation	
MPS451	Metromover/NE 15 St & N Miami Ct - Miami Plaza Construction	
MPS452	Metrorail/SW 1 Ave & SW 7 St - UG Conduit & Cable Installation	6/20/2020
MPS453	Metrorail/SW 1 Ave from SW 7 St to SW 9 St - UG Conduit & Cable Installation	11/1/2019
MPS454	Metromover/NE 1 St - LOFT II Restoration	
MPS455	Metromover/NE 5 St & NE 2 Ave - MCI UG Conduit & Cable Installation	8/23/2019
MPS456	Metromover/NE 2 Ave & 7 St - Level 3 Emergency Repair of Fiber Optic Calbe Cut	
MPS457	South Dade Transitway/SW 216 St - MCI UG Conduit & Cable Installation	6/15/2020
MPS458	South Dade Transitway/SW 248 St - MCI UG Conduit & Cable Installation	8/15/2020
MPS459	Metrorail/SW 1 Ct & SW 7 St - UG Conduit & Cable Installation	
MPS460	Metromover/Herold Plaza - Art Miami Art Fair / Context Art Fair	
MPS461	Metrorail/SW 1 Ct from SW 7 St to SW 8 St - UG Gas Main Line Replacement	10/30/2019
MPS462	Metrorail/SW 2 St - MCI UG Conduit & Cable Installation	11/29/2019
MPS463	Public Bathroom Interlocal Lease Agreement between DTPW & City of Miami	3/12/2020
MPS464	Metrorail/SW 1 Ave & SW 14 St - Fiber Optic Cable Installation	



Project Number	Project Name	Date of Last Update
MPS465	Metromover/SW 1 St - Level 3 Fiber Optic Cable Installation	
MPS466	Metrorail/SW 15 Rd - Atlantic Broadband Conduit Installation	12/13/2019
MPS467	Metromover - NW 1 Ave & NW 5 St - Level 3 UG Conduit & Cable Installation	
MPS468	Metromover/SE 1 Ave - 830 Brickell Plaza Development	
MPS469	Metromover/SW 3 St & S. Miami Ave - UG Conduit & Cable Installation	
MPS470	Metrorail/SW 7 St - UG Conduit & Cable Installation	
MPS471	Metromover/Bayfront Station & S. Biscayne Blvd - Utility Pole & Conduit Installation	
MPS472	Metrorail/NW 27 Ave & NW 46 St - MCI UG Conduit & Cable Installation	
MPS473	Metromover/S. Biscayne Blvd & SE 1 St - MCI UG Fiber Optic Cable Installation	
MPS474	Metromover/SE 1 Ave & SE 9 St - MCI UG Conduit & Cable Installation	
MPS475	Metrorail/SW 28 Lane - Public Storage Building 21915 - Painting	7/20/2020
MPS476	Metrorail/SW 3 St - Public Storage Building 25579 - Painting	1/20/2020
MPS477	Bus Network Redesign (Better Bus Project)	9/30/2020
MPS478	Metromover/NW 8 St & NW 2 Ave - UG Conduit and Cable Installation	
MPS479	Metromover/Miami Ave Station - UG Conduit and Cable Installation	
MPS480	Metromover/Miami Ave Station/SW 1 St - UG Conduit and Cable Installation	
MPS481	Metrorail/Metromover/W Flagler St (East) - UG Conduit and Cable Installation	
MPS482	Metrorail/N & S of NW 27 Ave & 62 St - UG Conduit and Cable Installation	11/8/2019
MPS483	Metrorail/SW 3 St - UG Conduit and Cable Installation	
MPS484	Metrorail/Metromover/W Flagler St (West) - UG Conduit and Cable Installation	
MPS485	South Dade Transitway & SW 4 St - UG Conduit & Cable Installation	3/20/2021
MPS486	Metromover/SE 2 St & SE 1 Ave - UG Conduit & Cable Installation	
MPS487	Metrorail/Ponce De Leon Blvd - Jaguar Land Rover New Car Dealership Development	



Project Number	Project Name	Date of Last Update
MPS488	Metromover/Brickell Plaza - 830 Brickell Development	
MPS489	Metrorail/SW 31 Ave - Public Storage Building - Painting	7/21/2020
MPS490	NW 107th Avenue (NW 138th Street to NW 166th Street)	
MPS491	Metrorail/NW 3 Ave & NW 11 St - UG Conduit & Fiber Cable Installation	
MPS492	Metromover/First Street Station - Exterior Painting of Loft II	
MPS493	Metrorail/NW 12 Ave Between NW 20 St and NW 29 St	
MPS494	Metrorail/Metromover/NW 5 St - UG Conduit & FOC Installation	
MPS495	Metrorail/SW 22 Ave - MCI UG Conduit & Cable Installation	
MPS496	Metrorail/NW 12 Ave & NW 14 St - Crane Operations for MRI Machine Delivery	
MPS497	Metromover/NE 2 Ave & NE 3 St - UG Conduit & Cable Installation	
MPS498	Metromover/NE 5 St & NE 1 Ave - Downtown 5th Development	
MPS499	Metromover/I-395/Museum Park Station - UG Conduit & Cable Installation	
MPS500	Metrorail/SW 88 St - FPL Guy Wire & Anchor Replacement	
MPS501	Metrorail/Metromover/NW 3 St - UG Conduit & Cable Installation	
MPS502	Metromover/Biscayne Blvd & NE 1 St - UG Conduit & Cable Installation	
MPS503	Metrorail/Metromover/W. Flagler St - Public Restroom Demolition	3/12/2020
MPS504	South Dade Transitway/N & S Howard Dr - FPL Pole and Guy & Anchor Replacement	
MPS505	Metrorail/SW 1 Ave & SW 9 Street - UG Conduit & Cable Installation	
MPS506	Metromover/MDC - Wolfson Campus Bldg #6000 - Re-Roofing	
MPS507	Metromover/SW 11 Street - UG Conduit & Cable Installation	
MPS508	So Dade Transitway/SW 302 Street - Geotechnical Soil Testing	
MPS509	Metrorail/NW 12 Ave & NW 19 St - Roadway & MastArm	
MPS510	Staging at 9590 NW 27 Ave for FDOT Project - FIN 429185 (Drainage)	1/7/2021



Project Number	Project Name	Date of Last Update
MPS511	Metrorail/SW 40 St (Bird Rd) - FDOT Sidewalk Improvements	
MPS512	Metromover/200 Biscayne Blvd - Space Frame Removal	9/4/2020
MPS513	Metrorail/Metromover/NW 5 St - DMS Parking Garages Building Renovation	7/13/2020
MPS514	Metrorail/SW 62 Ave - UG Conduit & Cable Installation	
MPS515	Metrorail/SW 1 Ave & SW 8 St - UG Conduit & Cable Installation	
MPS516	NW 84 Ave Reconstruction (from NW 58 Street to NW 74 Street)	
MPS517	Metrorail/S. Alhambra Circle - FPL New Pole Installation	
MPS518	Metrorail/Metromover/NW 4 St - Monitoring Wells Installation	
MPS519	Professional Services for NW 17th Avenue Bridge Over Miami River Project Development & Environmental Study	
MPS520	Metromover/MDC - Wolfson Campus Bldg 7000 - Painting	1/12/2021
MPS521	Metrorail Corridor / SW 42 Ave - FDOT Staging Area	
MPS522	Metrorail/SW 155 S. Dixie Hwy - FPL Pole Replacement	
MPS523	Metrorail/NW 27 Ave from NW 39 St to NW 79 St - FDOT Roadway Reconstruction	8/14/2020
MPS524	Metromover/Freedom Tower Station - Natiivo Building Construction	
MPS525	Metrorail/Metromover & W. Flagler St - UG Conduit & Cable Installation	
MPS526	Emergency Structural Assessment and Shoring - Bus Accident	8/27/2020
MPS527	Metrorail/US 1 & SW 78 St - FDOT Sign Restoration	8/31/2020
MPS528	Metrorail/Metromover & SW 1 Street - FPL UG Duct Bank Installation	
MPS529	Metromover & SE 3 St - DDA Temporary Trailer Restroom	
MPS530	Metrorail/Metromover & NW 1 St - ITD Conduit & Cable Installation	
MPS531	Metromover/Freedom Tower Station - AT&T Pole Removal & Conduit Installation	
MPS532	Metrorail/NW 37 Ave - WASD 16 Inch WM Installation	
MPS533	Metromover/SE 1 St & SE 1 Ave - FPL UG Distribution Installation	



Project Number	Project Name	Date of Last Update
MPS534	Metrorail/NW 12 Ave & NW 19 St - UG Conduit & FOC Installation	
MPS535	Metrorail/NW 79 St - WASD San Sewer System Installation	
MPS536	Metrorail/SW 8 Ave - Dismantling of Tower Crane	2/10/2021
MPS537	Metromover / NE 5 St & NE 1 Ave - FPL UG Duct Bank Installation	
MPS538	Metromover / Herald Plaza - FPL UG Duct Bank Installation	
MPS539	Metrorail / SW 31 Ave - Cabinet & Banner	4/14/2022
MPS540	Metromover / NE 6 St - Sixth Street (NATIIVO) Development	
MPS541	Metrorail / SW 80 St to Riviera Dr. - FDOT Roadway Reconstruction	
MPS542	West Aventura Station Site - Access for Sign Installation	4/12/2021
MPS543	NW 215 St Parcel - Staging of Equipment	3/16/2021
MPS544	Metrorail / SW 16 St - Fiber Cable Repair	
MPS545	Metromover / Miami Dade College - Installation of Louvers @ Building #6000	
MPS546	Metromover / Miami Dade College - Restoration of Building #3000	
MPS547	Metromover / SW 1 Street & S Miami Ave – UG Conduit & Cable Installation	
MPS548	Metromover / NE 2 Ave & NE 2 St - UG Conduit & Cable Installation	
MPS549	Metrorail / 251 S. Dixie Hwy - Crane Staging & Hoisting of AC	
MPS550	Metromover / SE 1 Street - Demolition of Building	
MPS551	Metromover - Claude Pepper Bldg Window Cleaning	
MPS552	Metromover / 700 NE 2 Ave - UG Conduit Installation	
MPS553	Metromover / SW 1 Street - Downtown 1st Street Development	
MPS554	Metromover / First Street Station - Waterproofing and Painting	
MPS555	Flixbus, Inc. - Permit Agreement for Bus Parking @ the MIC	
MPS556	Metromover/NE 1 St & NE 3 Av - Electrical Conduit Installation	



Project Number	Project Name	Date of Last Update
MPS557	Metromover/SE 3 Street - Caulking - Miami Tower Building	
MPS558	Metromover/NE 2 Street - Gas Line Connection	
MPS559	Metromover /Herald Plaza - Art Miami 2021	
MPS560	Metrorail/Ponce de Leon Blvd - FPL Duct Bank Installation	
MPS561	Metromover/Adrienne Arsht Center - Adhesive Back Vinyls Removal	
MPS562	Metromover/NW 5 Street & NW 1 Ave - UG Conduit & Cable Installation	
MPS563	Metrorail/Metromover/W. Flagler Street - Glass Window Replacement	
MPS564	Metrorail/NW 79 St @ 32 Ave - FDOT Roadway Safety Improvements	
MPS565	Metrorail/SW 2 St & SW 1 Ave - Conduit & Cable Installation	
MPS566	Metrorail/East 4 Ave - FPL Conduit and Cable Installation	
MPS567	Metrorail/Culmer Bend - Wagner Creek Restoration	
MPS568	Metromover/Claude Pepper Federal Building - Building Inspection	
MPS569	Metromover/NE 1 St to NE 3 St - Painting of Miami Dade College Buildings	
MPS570	Metrorail/NW 37 St - UG Conduit Installation	
MPS571	Metrorail/Metromover & NW 1 St - Water Main Installation	
MPS572	Metrorail/Metromover @ Brickell - Southside Park Helicopter Construction Lift	
MPS573	Metrorail/Historic Overtown/Lyric Theater Station - Inspection of County ISD Building Roof	
MPS574	Metrorail/NW 27 Ave & NW 41 St - FPL Duct Bank Installation	
MPS575	Metrorail/Alhambra Circle - Force Main Installation	
MPS576	Metromover/Brickell City Centre Station & SE 8 St – Crane Construction Removal	
MPS577	Metrorail/SW 37 Ave & US1 - Crane Setup & Staging	
MPS578	Metromover/SW 1 Ave & SW 11 St - Painting of Axis on Brickell Building	
MPS579	Busway/Caribbean Blvd - FDOT Roadway Reconstruction	



Project Number	Project Name	Date of Last Update
MPS580	Metrorail/SW 7 St - One Brickell Riverfront Development	
MPS581	Metrorail/SW 25 St - Road Reconstruction	

Source: *Transportation and Public Works Active Project List May 2022. pdf*

Table E-4: Operational Support Projects (OPS)

Project Number	Project Name	Date of Last Update
OSP001	40 Yr Recertification Bldg # 2 @ 3300 NW 32 Ave	2/2/2011
OSP002	Electronic Document Management System	2/23/2012
OSP003	Short Range Intermodal Planning	7/7/2010
OSP004	Short Range Transit Planning	
OSP005	FTA Civil Rights Requirements	
OSP006	Transportation Land Use Coordination (01)	
OSP007	Urban Travel Modeling/Forecasting	7/7/2010
OSP008	Transit Peak Travel Time	7/7/2010
OSP009	Adjacent Construction to Metrorail - Brickell First	9/1/2009
OSP010	Adjacent Construction to Metrorail - Off Brickell	1/1/2008
OSP011	Adjacent Construction to Metrorail - The Mint and The Ivy	11/1/2008
OSP012	Adjacent Construction to Metrorail Gables Station: Berkowitz Development Group - M-Path	12/1/2008
OSP013	Adjacent Construction to Metrorail - 405 South Dixie Highway - M-Path	12/1/2008
OSP014	Adjacent Construction to Metromover - The Marquis	1/1/2009
OSP015	Adjacent Construction to Metromover - Miami-Dade College Downtown Campus	12/1/2009
OSP016	Permit Request - Busway: Cutler Ridge/Perrine Water & Sewer Improvements	5/1/2010
OSP017	Permit Request - Existing Metrorail/Metrorail Extension Tercero Storage & Yard	2/1/2009
OSP018	Center for Urban Transportation Research (CUTR) Studies Performed for MDT	10/10/2000
OSP019	All MDT Maintenance Facilities - SPCC Plan Update & Training	8/1/2010



Project Number	Project Name	Date of Last Update
OSP020	Metro Mover Stations - Cost Estimate for repairs of damages due to adjacent building	6/14/2019
OSP021	Various MDT Facilities - Selection of Arc Flash Hazard Protective Equipment	12/3/2010
OSP022	Busway Signal Prioritization - Before and After Study	12/29/2009
OSP023	NE Corner @ Lehman Center – Soil & Groundwater Assessment	
OSP024	Lehman Center Fuel Island – Soil & Groundwater Assessment	7/31/2011
OSP025	Metrorail and Metromover Vending Services Pilot Program	6/1/2018
OSP026	Miami Dade County CSX Rail Corridor Evaluation Study	5/15/2012
OSP027	MDT Rapid Transit System Expansion - Design Criteria	10/30/2008
OSP028	MDT Systems Integration – Miscellaneous Projects	
OSP029	F.E.C. Corridor (Kendall to MIC) BRT Conceptual Study	3/31/2015
OSP030	Orange Line Modal Alternatives	3/31/2015
OSP031	BRT National and International - System Features Comparison Study	3/31/2015
OSP032	Metromover/Metrorail Extension to Orange Bowl Feasibility Study	3/31/2015
OSP033	SR 836 Express Bus Service / Park & Ride Evaluation and Findings	3/31/2015
OSP034	Hialeah West Surplus Parcel	8/13/2009
OSP035	Santa Clara Station - Re-plat	12/1/2018
OSP036	South Miami Station - Re-plat	
OSP037	Northeast Bus Facility - New Plat Request	
OSP038	Dadeland South Metrorail Station - Laz Parking of Florida Agreement	
OSP039	Coral Way Garage Hurricane Panels	6/14/2019
OSP040	Brickell Mover - SE 6th & 7th Streets Parcel	
OSP041	Lehman Center - Re-plat	5/19/2010
OSP042	P & R @ Busway & SW 152 St - Palmetto Golf Course MOU b/w MDR & MDP	



Project Number	Project Name	Date of Last Update
OSP043	P & R @ SW 152 St & 117 Ave - MDT has use of lot if land is used for transportation services	
OSP044	P & R @ Busway & SW 168 St & 97 Ave - lease agreement w/Royal Group Investment Inc	7/13/2010
OSP045	P & R @ Busway & SW 200 St	See MPS018
OSP046	P & R @ Busway & SW 112 Ave & US1 - (Target Parking Lot) across US1 from Southland Mall	
OSP047	P & R @ Busway & SW 244 St - lease agreement w/Bargain Town, Inc	8/1/2019
OSP048	P & R @ Busway & SW 344 St - 260 spaces - summer 2012	See CIP014 & CIP222
OSP049	P & R @ Busway & SW 296 Street (Northside)	8/20/2019
OSP050	P & R @ Kendall Hammocks Town Center (SW 104 St & 152 Ave)	
OSP051	Golden Glades Multi Modal Terminal	
OSP052	AT&T - Riverwalk Metromover Station ROW-LEASE	
OSP053	Betty K. Agencies USA LLC - Permit	9/10/2020
OSP054	Blue Capital US East Coast Properties Metromover ROW-License Agreement	10/1/2012
OSP055	Publix Super Market Parking Lease - SW 15 Rd & SW 14 St	
OSP056	Publix Super Market Parking Lease - 1001 SW 1 Ave	
OSP058	Dadeland Centre (Dadeland So. Ph 4A)/Dadeland Centre I	
OSP059	Dadeland Centre II (Dadeland So. Ph 4B)/Dadeland Centre II	
OSP060	Dadeland Station (Dadeland No Ph. 1)	
OSP061	Dadeland Vista Apts. (Dadeland No Ph. B)	
OSP062	Datran 1 & 2 (Dadeland So. Ph. I & III)	
OSP063	Dept of Off Street Parking/Miami Parking Authority (Lot 34)	
OSP064	Dept of Off Street Parking/Miami Parking Authority (Lot 48)	1/30/2018
OSP065	Humana/CAC Florida Medical Centers (Site A & Site B)	3/1/2018
OSP066	Miami Marriott Dadeland (Dadeland So. Ph. II)	
OSP067	Overtown Station (Phase I - GSA)	



Project Number	Project Name	Date of Last Update
OSP068	Overtown Station (Phase II - GSA Overtown II)	
OSP069	Santa Clara Apts. (Santa Clara Ph. I)	
OSP070	Santa Clara Apts. II (Santa Clara Ph. II)	
OSP071	Telemundo (Okeechobee Garage)	3/5/2018
OSP072	Towers of Dadeland I (Dadeland No. Ph. II)	
OSP073	University of Miami (TA98-MPL-2)	
OSP074	University of Miami (TA99-MPL-6)	
OSP075	URD News Stand @ SPCC	
OSP076	W-ICE Ltd.(Walgreens - 37th Ave/under guideway/TA96-MPL-3)	
OSP077	Florida Power & Light Co. (Brickell Poles)	
OSP078	Signage New Omni-Arsht Station	11/5/2009
OSP079	Kelco Dadeland Associates, Ltd	
OSP080	City of Coral Gables Parking #1 (lot 12)	
OSP081	City of Coral Gables Parking #2 (Lots 40 & 41)	
OSP082	South Miami Station -Transit Oriented Joint Development Project	
OSP083	Gran Central Subdivision - Release of Easements	9/20/2019
OSP084	Park & Ride Lease - SW 88 St and 124 Ave	5/30/2013
OSP085	Park & Ride Lease (Baptist Church) - SW 88 St and 150 Ave	8/5/2018
OSP086	Bridge Inspection Program Enhancements	
OSP087	City of Hialeah & City of Hia Gardens Minibuses	1/31/2012
OSP088	City of Miami Beach Minibuses	7/9/2012
OSP089	Town of Cutler Bay Minibuses	7/9/2012
OSP090	City of Coral Gables Trolleys	7/16/2012
OSP091	City of Miami Trolleys	closed



Project Number	Project Name	Date of Last Update
OSP092	City of Homestead Trolleys	closed
OSP093	City of Sunny Isles Shuttle Buses	closed
OSP094	Marlins Ballpark Transit Service Plan	3/31/2015
OSP095	Transit Development Plan (TDP)	
OSP096	MDT Emergency Fuel Tank Conceptual Study	5/15/2012
OSP097	The West Kendall Transit Terminal	3/31/2015
OSP098	Procurement of Forklifts	closed
OSP099	MDT Parking Policy Changes	5/16/2012
OSP100	US-1 Express Lanes PD&E	7/6/2005
OSP101	Bus Garage Information System	3/5/2014
OSP102	STS RFID Pilot	8/31/2011
OSP104	Mobile App	8/31/2011
OSP105	Train Tracker Rewrite	2/1/2012
OSP106	Processing, Distribution & Validation of Report Tracking System	9/26/2014
OSP107	Rail/Mover Mileage Tracking & Positioning Services (MPS)	3/1/2014
OSP108	Adrienne Arsht Metromover Station Concession Stand	9/1/2020
OSP109	Version Control of Software	8/1/2013
OSP111	Info Suite Software Upgrade	12/11/2011
OSP112	Automatic Passenger Counters (APC) Support and Maintenance	10/11/2016
OSP113	IT Policies and Procedures Enhancements	11/2/2010
OSP114	Middleware Architecture Strategy	7/25/2016
OSP117	EAMS Mover PM by Mileage	10/1/2011
OSP118	EAMS Inventory	9/1/2012
OSP119	Mover Tracker	3/1/2014



Project Number	Project Name	Date of Last Update
OSP120	EAMS Mover Wheel Assemblies Tracking by Position	11/1/2010
OSP121	EAMS Mover Relays Tracking by Position	9/30/2013
OSP122	SFRTA Financial Reconciliation	3/13/2013
OSP123	FTA Corrective Action Plan (8 Items)	8/22/2011
OSP124	ePAR Implementation	9/12/2012
OSP125	DBE Tracking System	10/4/2013
OSP127	FTA Force Account Drawdown	10/1/2011
OSP128	Data Center Power Distribution System Upgrade	4/1/2013
OSP129	Data Center Upgrade & Payment Card Industry (PCI) Enhancements	7/1/2012
OSP130	Bus Traffic Control Modernization	8/29/2013
OSP131	40' Buses for Replacement of 9900's	Unfunded
OSP132	40' Buses for Kendall Enhanced Bus Service	closed
OSP 133	40' Hybrid Buses for Replacement	10/16/2015
OSP134	Brickell Citi Ctr/SW 8 St Station - Pre-Drilling	12/30/2012
OSP135	Southeast Overtown Park West (SEOPW)	11/26/2018
OSP136	FAS100	7/17/2012
OSP138	Bus Stop Re-numbering	9/1/2012
OSP139	IPADS Deployment to Transit Operations Supervisors	8/1/2013
OSP140	Train Tracker Rewrite - Phase 2	4/1/2012
OSP141	Train Tracker Rewrite - Phase 3	3/1/2014
OSP142	Bus/Rail/Mover Schedule Enhancements Online	6/1/2012
OSP143	Mobile App for Android	7/1/2012
OSP144	Buy America Auditing Services - Pre-Qualified Pool of Vendors	8/15/2015
OSP145	Earlington Heights Garage - MOU btw MDT & ISD	4/10/2015



Project Number	Project Name	Date of Last Update
OSP146	Virtual Conferencing	12/29/2012
OSP147	Multi-Function Printer (MFP) Contract Renewal and Implementation	8/1/2011
OSP148	Disaster Recovery Op-location	9/1/2011
OSP149	IT Hardware Inventory	12/1/2014
OSP150	VICON 6.0 Upgrade	5/1/2012
OSP151	Virtual Desktop Phase 1	9/1/2012
OSP152	Team Foundation Server Setup	9/1/2013
OSP153	IT Help Desk Modernization	4/1/2014
OSP154	Data Migration to Fileserver	10/1/2013
OSP155	E-Vault System Implementation	9/1/2014
OSP156	Purchase of Radio & Supporting Electronic Equipment	6/14/2019
OSP157	Rail Car Availability/Unavailability System Display	4/1/2012
OSP158	Bus Availability/Unavailability System Display	4/1/2012
OSP159	40 Foot Easel Buses for Replacement (ARRA)	1/28/2013
OSP160	MIC Parcel 501 - FPT Site Drain Install	12/30/2014
OSP161	Transit Service Evaluation Study - Phase 2	closed
OSP162	40-Foot Hybrid Buses for Replacement (SGR)	4/30/2015
OSP163	40-Foot Diesel Buses for Replacement (5307)	6/15/2017
OSP164	Record Center Inventory System (RCIS)	
OSP165	Modular Newsracks	10/16/2015
OSP166	Hialeah Corridor - Land Exchange/Access Easement - Mae Developers	4/28/2016
OSP167	MDT Service Standards & Stop and Station Design Guidelines	
OSP168	Government Facilities (GF) Committee	
OSP169	CDMP/EAR Amendments	



Project Number	Project Name	Date of Last Update
OSP170	Annexation Review	
OSP171	Advance Notification (AN) Review	
OSP172	Developments of Regional Impact (DRI)	
OSP173	Development Impact Committee Reviews (DIC)	
OSP174	Zoning Hearings	
OSP175	Douglas Road Transit Corridor	7/7/2005
OSP176	Beach Corridor Transit Connection Study	7/7/2005
OSP177	SW 137th Ave Enhanced Bus Service (EBS)	7/7/2005
OSP178	Southeast Florida Express Lanes RCTO	7/7/2005
OSP179	Transit Options to Port Miami Feasibility Study	7/7/2005
OSP180	SR 7 / US 441 (Corridor) Master Plan	7/7/2005
OSP181	SR 90 Master Plan	7/7/2005
OSP182	Bicycles with Transit Utilization and Enhancements	7/7/2005
OSP183	Bicycle Parking Ordinances at MDT Facilities	
OSP184	Motorcycle Parking Ordinances at MDT Facilities	
OSP185	Carpool Parking Ordinances at MDT Facilities	
OSP186	HEFT at SW 152 St P & R	7/8/2005
OSP187	Complete Streets	7/7/2005
OSP188	University Drive Mobility Improvements Planning Study	7/7/2005
OSP189	US1 (Broward County) Enhanced Bus Service (EBS)	7/7/2005
OSP190	County-wide Bus Access and Transfer Facility Assessment	7/7/2005
OSP191	Congestion Management Process (CMP)	7/7/2005
OSP192	Metromover System Expansion of Omni & Brickell Loops	7/7/2005
OSP193	TOD Station Area Planning	7/7/2005



Project Number	Project Name	Date of Last Update
OSP194	Miami-Dade County Compendium of Transportation Facts and Trends	7/7/2005
OSP195	Urban Infill Committee and Report	7/7/2005
OSP196	Bike Share at Metrorail Stations	7/7/2005
OSP197	Capital Reserve Fund Request	7/7/2005
OSP198	Transportation Improvement Program (TIP) Review	
OSP199	2045 Long Range Transportation Plan (LRTP)	
OSP200	GreenPrint	7/7/2005
OSP201	Dolphin Station (HEFT at NW 12 Street)	12/22/2014
OSP202	Hydraulic Mobile Bus Lifts (48 Lifts)	1/1/2019
OSP203	Trapeze PASS version 14 Upgrade	9/11/2015
OSP204	MDT Publications Warehouse Forklift Purchase	10/30/2018
OSP205	Metromover System Expansion of Omni & Brickell Loops	9/1/2020
OSP206	Metrobus Mobile Closed-Circuit Television Replacements	6/5/17 see IRP049
OSP207	Field Engineering Technical Systems Training	closed
OSP208	PBX Telephone System Upgrade to Voice Over IP (VoIP) for all MDT	
OSP209	MDT Data Closets UPS Replacement	
OSP211	Travel Demand Modeling (SMART Plan)	
OSP212	Northeast Corridor (SMART Plan)	See CIP006
OSP213	SMART Program Implementation	
OSP214	Strategic Miami Area Rapid Transit (Smart) Plan Corridors - Extension of Staff	3/14/2018
OSP215	Master TOD Plan for East-West SMART Corridor	
OSP216	Track & Guideway Contractor Inspection Services/Asset Management	4/4/2018
OSP217	Metromover and Metrorail Arrival Message Sign Modifications	
OSP218	Waterborne Transportation Study	



Project Number	Project Name	Date of Last Update
OSP219	Materials Management Central Bus Warehouse In-Plant Office Module Replacement	11/26/2019
OSP220	Metromover Comprehensive System Replacement	
OSP221	East-West Corridor PD&E Study	See CIP154
OSP222	Beach Corridor PD&E Study	See CIP153
OSP223	Document Control for SMART Plan Program	
OSP224	South Corridor PD&E Study	See CIP155
OSP225	Metrorail Vehicle Maintenance Support	6/26/2017
OSP226	SMART Plan - Public Engagement	5/28/2020
OSP227	SMART Plan - Financial Planning	Closed - TPO Proj
OSP228	Traffic Design @ NW 73rd Ave South of Miami Gardens Drive	9/25/2018
OSP229	Connected and Autonomous Vehicles Vision Plan	5/31/2019
OSP230	City of Coral Gables - Master Agreement for Parking w/in Metrorail ROW	
OSP231	City of Coral Gables - Lot 42 & 43 - Management Agreement	
OSP232	Government Square Development Study	6/20/2020
OSP233	Shared Mobility Study	9/10/2021
OSP234	Metrorail EAMS Work Order Module Implementation	
OSP235	Key Watcher Touch System Upgrade	
OSP236	Transit Service Evaluation Study: Phase 3 - SMART Plan	9/18/2019
OSP237	Miami-Dade County Complete Streets Collaborative	
OSP238	Consulting Services - Real Estate Document Development and Real Estate Advisor	
OSP239	Swiftly 3 Year Annual Software Subscription	
OSP240	SMART Plan Bus Express Rapid Transit (BERT) Network Implementation	
OSP241	On-Demand Transit Services	
OSP242	Design & Engineering Extension of Staff	



Project Number	Project Name	Date of Last Update
OSP243	Metrorail Control Center Software and Hardware Support	
OSP244	Lease Agreement between DTPW & Dade County Federal Credit Union	
OSP245	Track Inspection Train	
OSP246	Technical Support - Train Control	unfunded
OSP247	40 Year Re-Certification Building #2 Repairs @ 3331 NW 31 Street	
OSP248	40 Year Re-Certification Building #4 @ 3295 NW 31 Street	
OSP249	40 Year Re-Certification Building #5 @ 3300 NW 32 Avenue	
OSP250	TOD Master Plan for the South Corridor	
OSP251	Vision Zero Implementation Plan	
OSP252	Capital Project and Construction Management	2/14/2020
OSP253	SMART Plan Short Term Planning Activities for Flagler and Kendall Corridors	See CIP156 & CIP157
OSP254	SMART Plan Rapid Transit Corridor Strategic Advisory	
OSP255	Knight Foundation Autonomous Vehicle Initiative - Countywide	
OSP256	Facilities Maintenance EAMS Work Order Implementation	
OSP257	Better Bus Network - Outreach & Communications with Community & Local Stakeholders	
OSP258	Beach Corridor - TOD Master Plan	
OSP259	Better Bus Network - Service Equity Analysis	
OSP260	Lehman Yard Train to Wayside	
OSP261	DTPW Organizational Assessment	
OSP262	Paratransit Software	
OSP263	Complete Streets Collaborative CAD Designs (Countywide)	
OSP264	Transit Asset Management Plan - Horizon Update	
OSP265	Paratransit Contract for Special Transportation Services (STS)	
OSP266	Physical Access Control System (PACS)	



Project Number	Project Name	Date of Last Update
OSP267	Coral Way Metrobus Facility - 40 Year Recertification - Bldgs 5, 6 & 7	
OSP268	Real Estate Consulting Services for DTPW Locations in Miami-Dade County	
OSP269	TOD Master Plan for the North Corridor	
OSP270	DTPW's Strategic Plan	
OSP271	Miami-Dade County Transportation Master Plan	
OSP272	DTPW Program Management Support Services	
OSP273	Multimodal Development In-House Consultant Services	

Source: *Transportation and Public Works Active Project List May 2022. pdf*

Table E-5: Administrative (ADM) Projects

Project Number	Project Name	Date of Last Update
ADM001	Director's Office	
ADM002	Engineering, Planning & Development Directorate	
ADM010	Administrative Directorate	
ADM011	Operations Directorate	

Source: *Transportation and Public Works Active Project List May 2022. Pdf*



APPENDIX F. SGR PROJECT NEEDS & FUNDING FY 2022 – 2031



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6.7. State of Good Repair Projects

Table 6-8 presents a list of State of Good Repair projects, including the IRP which is funded at a level of \$12.5 million per year. All other projects are fully funded.

Table 6-8: State of Good Repair Projects FY 2022 - 2031

Project Name	Project Description	2020 Capital Cost - (\$000s)	Project Number
IRP - Project List			
RP - Automated Fare Collection System (AFCS) Cloud Migration	Implement enhancement and regional expansions to the Automated Fare Collection System (AFCS) based on the existing Contract #481-2722-1. The contract includes an option to purchase additional equipment and service for expansions and modifications.	\$3,000	MDT-IRP263
RP - Emergency Exit at William Lehman Center	Widening of current exit to facilitate in and out emergency vehicle traffic at Palmetta Yard.	\$480	MDT-CIP126
RP - Fueling Terminal Modernization	Upgrade fueling terminal to IP Buses.	\$250	MDT-IRP260
RP - Metromover Vehicles HVAC Compliance Overhaul & Mover Building A/C Replacement	Mover vehicle air condition HVAC system and Mover Building A/C replacement in order to comply with EPA requirement as the use of Freon 22 will be banned by EPA by the year 2020.	\$2,143	MDT-IRP270
RP - Metrorail Bathrooms	Repair and renovate public restrooms at the 30-year-old Metrorail stations.	\$1,865	MDT-IRP215
RP - Data Closets Uninterruptible Power Supply (UPS) Replacement	Replace Data Closets Uninterruptible Power Supply (UPS).	\$323	MDT-COS209
RP - Purchase of 2 IR Rail Crew cab Trucks	Purchase support vehicles for the track and guideway maintenance division.	\$190	MDT-IRP266
RP - Purchase Rail Wheel Press Machine	Purchase of a new Railcar Wheel Press Machine needed to support the (136) rail cars the department is procuring to replace the existing railcar fleet.	\$981	MDT-IRP267
RP - Railcar Cleaner Platform Replacement Project	Upgrade the existing Cleaning Platform located at the William Lehman Center. The existing wooden platform is in need of constant repair.	\$2,790	MDT-IRP224
RP - Rail Public Address System Replacement	Replace existing in-bus Address System at all Metrorail Stations. The Scope of Work includes the replacement and upgrade of all electronic components in the Paging chain. The distribution wiring will also be upgraded.	\$2,892	MDT-IRP096
RP - Replacement of Facilities & Barriers at Metromover Stations	Provide detachable warning safety edge tiles and between-car barrier (BCB) system in compliance with the DOT ADA regulations. Each station features two BCLF Platform Structures and require tiles and BCB on both sides of the platform. The scope includes labor, materials, tools, apparatus, equipment and other means of construction for preparing and completing the work.	\$440	MDT-IRP255
RP - Traffic Signal Prioritization Expansion to Congestion Mgmt. Plan / Real-Time Connected Vehicles -	Recapitalization of the Metabus on-board equipment that provides passengers with free internet access and connectivity for business traffic such as Fare Collection, CCTV, and CAQ/AVL data. This project replaces field equipment that has been in continuous operation in Metabus vehicles for the last 7 years and expand the deployment of the entire fleet.	\$1,196	MDT-IRP265
RP - Metrorail and Metromover IRP Rooms HVAC Installation	Install new HVAC systems to provide cooling capacity for all IRP rooms on Metrorail and Metromover.	\$1,482	MDT-CIP171
RP - Replacement of Diamond Frog at Culmer Crossover	Replacement of Diamond Frog at the Culmer Metrorail Station.	\$900	MDT-IRP233
RP - Hydraulic Mobil Column Bus Lifts (Additional)	Provide 24 sets of four hydraulic column lifts with 70' required communication cables and 60' power cords for DTPW Bus Maintenance.	\$1,118	MDT-IRP107
RP - Upgrade Chiller Units of Lehman Center	Replace two existing three water cooler (10 ton, 8-113 chiller units, 3 chilled water pumps and all related controls, piping, valves, wiring etc.) of the William Lehman Center facility.	\$450	MDT-IRP171
RP - Renovate Lehman Center 2nd Floor (Administration)	New office partitions, desks, chairs upgrade phone system etc.	\$850	MDT-IRP306
RP - Emergency Backup Generators	Installation of electrical generators and transfer switches at Central Bus, NE and Canal Way.	\$440	MDT-IRP109
RP - Rail BAMS Work Order Module	Intor EAMt software tool to implement Work Order module that will be integrated with the existing warehouse module.	\$700	MDT-COS224
RP - Metrorail Platform Cabling Replacement	Replacement, disposal and reinstallation of the infrastructure and cabling necessary to support the Emergency Transfer Switch, Emergency Telephone, End Gate Intrusion Alarm and Blue Light at 17 Metrorail Stations.	\$2,805	MDT-IRP276
RP - Lehman Curve I41 Realignment	Correct Civil Design and alignment of Curve #41 in the Lehman Yard Maintenance facility. The work will involve the realignment of the existing track layout to a 300 foot radius. The curve is currently out of service and cannot be used until the curve geometry is corrected. The existing track bed and substrate will be modified to accept the new track layout. The third contact rail will also be aligned to match the 300 foot turning radius. All power, control and communications cabling will also be modified to accommodate the new track and third-rail layout. The finished track bed will be tamped and compacted and inspected prior to laying the new running and third rail. The new track will be tested before being accepted for use. The third contact rail will be tested before being accepted for use per the intended design.	\$1,449	MDT-IRP321
RP - Bus Garage and Employees Parking Lot Light Fixtures Upgrade	Install light fixtures at Canal Way, Northeast and Central bus garages and employee parking lot.	\$260	MDT-IRP329
RP - Roadway Signs in the Vicinity of twenty-three (23) Metrorail Stations	The scope of work includes, but is not limited to, installation and/or replacement of directional/guide signs on roadways and highways in the vicinity of the twenty three (23) metrorail stations. DTPW is proceeding with preparation of plans to obtain permits and implement improvements. The first phase of the project involved conducting field assessments of the roads to determine the inventory of existing signs and proposed signs. The first phase has been completed.	\$2,225	MDT-CIP201



Table 6-8 (Continued): State of Good Repair Projects FY 2022 - 2031

Project Name	Project Description	2020 Capital Cost - (\$000s)	Project Number
RP - BERT Route b Park & Ride at Tamiami Executive Airport	The proposed project is required to perform environmental analysis to construct a surface Park-and-Ride at the Tamiami Executive Airport. The proposed project will provide parking along the Strategic Miami Area Rapid Transit (SMART) Plan Bus Express Rapid Transit (BERT) Route 3 South Miami-Dade Express. The requested Budget is to complete the Planning/Environmental analysis of the project. Once these tasks are completed, the next steps towards construction will be issuing agreements and advancing the design. The requested amount is based on previous conceptual plan development efforts.	\$100	MDT: CIP230
RP - BERT Route b Park & Ride at SW 288th Street (SMART BERT)	The proposed project is required to perform environmental analysis to construct a surface Park-and-Ride in the vicinity of the intersection of Turnpike and SW 288th Street. The proposed project will provide parking along the Strategic Miami Area Rapid Transit (SMART) Plan Bus Express Rapid Transit (BERT) Route 3 South Miami-Dade Express. The requested Budget is to complete the Planning/Environmental analysis of the project. Once these tasks are completed, the next steps towards construction will be issuing agreements and advancing the design. The requested amount is based on previous conceptual plan development efforts.	\$150	MDT: CIP231
RP - BERT Route b Park & Ride at SW 152nd Street & Turnpike	The proposed project is required to perform environmental analysis to construct a surface Park-and-Ride at the Strategic Miami Area Rapid Transit (SMART) Plan Bus Express Rapid Transit (BERT) Route 3 South Miami-Dade Express. The requested Budget is to complete the Planning/Environmental analysis of the project. Once these tasks are completed, the next steps towards construction will be issuing agreements and advancing the design. The requested amount is based on previous conceptual plan development efforts.	\$150	MDT: CIP232
RP - BERT Route b Park & Ride at SW 211 Street	The proposed project is required to perform environmental analysis to construct a surface Park-and-Ride in the vicinity of the intersection of the Turnpike and SW 211 Street. The proposed project will provide parking along the Strategic Miami Area Rapid Transit (SMART) Plan Bus Express Rapid Transit (BERT) Route 3 South Miami-Dade Express. The requested Budget is to complete the Planning/Environmental analysis of the project. Once these tasks are completed, the next steps towards construction will be issuing agreements and advancing the design. The requested amount is based on previous conceptual plan development efforts.	\$150	MDT: CIP233
Non-RP projects			
Underfloor Rail Wheel Tiring Machine	Purchase a new tandem, Underfloor, Railcar Wheel Tiring Machine, to support the new railcar procurement of up to 136 rail vehicles. These vehicles will replace the existing 136 railcar fleet. The railcars will be heavy rail mounted pairs, weighing approximately 85,000 lbs/vehicle, using 28 inch wheels and equipped with disc brakes.	\$20,269	P2000009973 330010117
Escalators Replacement and Elevators Refurbishment	The escalators and elevators in the 21 Metrolink Stations in the Department of Transportation and Public Works (DTPW) system require upgrade and/or replacement of this equipment over time. The DTPW has requested the services of a consultant to develop a design criteria package for use in future design-build procurements for the design, procurement and installation of this equipment and to develop cost estimates and schedules based on the budget.	\$13,760	F62910 33001039 TAMODT90
AC Unit Substations (Replace All Major Power Components)	Replace existing equipment in the AC unit substations that have been in service since Metrolink first commissioned.	\$15,000	P2000000185 33001031
Green/Orange Lines and PID Switch Machine and Cable Replacement	Replace switch machines and cables at the William Lehman Yard and Maritime Area	\$12,300	P2000000104 33001024
Metrolink and Metroliner Train Control Replacement Project	Replace the existing Metrolink and Metroliner relay based train control equipment with vital processor controllers or their equivalent. Project includes software and hardware modifications at Central Control, to accommodate the new train control systems.	\$28,302	P2000009993 33001343
Metrolink Train Wayside Communication Equipment Installation at Rail	TWC Equipment installation at 21 Metrolink Stations, except MIC and Eastlign Heights stations, to interface with the station signs and PA to display the train route information at the platform.	\$8,762	F624640 33001037
Rail Vehicle Replacement	Rail vehicle replacement of 136 car feet	\$385,813	TAMODT92 F673001 548750
Bus Replacement	Bus vehicle replacement with CHG and electric vehicles. This project includes bus garage conversions and purchase of charging stations.	\$231,604	TA7 F672800 33001046 CIP183
Compressed Natural Gas Buses	Purchase of CHG buses	\$152,650	F672800 33001447 CIP202
Green Line Rail Component Replacement	The majority of Metrolink track infrastructure is near or exceeded its life cycle. This will replace 40 miles of track along with running rail and fasteners.	\$60,000	F6710900 33001384 CIP148
Parking Garage Overhaul, Metrolink Stations	Overhaul 6 parking garages from the original 1984 Metrolink construction: Okeechobee, Eastlign Heights, Santa Clara, South Miami, Dadeland North, and Dadeland South. A general overhaul of the rail station parking garage. Scope of work includes: metal doors, lighting, parking signs, irrigation, drainage, sump pumps, and painting.	\$16,000	F671580 33002973
Metroliner Wayside Overhaul	This project includes the overhaul and repair of major wayside components.	\$132,964	F62910 33001885



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Table 6-8 (Continued): State of Good Repair Projects FY 2022 - 2031

Project Name	Project Description	2020 Capital Cost - (\$000s)	Project Number
Disaster Recovery Control Center	Upgrade of the Metrorail Control Center Facility (MCCF), which is currently co-located with Yard Tower Control at the Lehman Yard Facility. Project includes the installation of new workstations, consoles, HVAC, lighting, responses, a security station, fire alarm detection, facilities monitoring, traction power and train control status displays, etc.	\$9,855	F674560 53001342
Metrorail Escalators and Elevators Refurbishment	Refurbish and replace elevators and escalators at Metrorail stations. This project includes assessments, design, materials, procurement and construction.	\$48,146	P2000000104 53001035
Tri-Rail Station Power Substation	Purchase new Traction Power Sub Station (TPSS), including all substation equipment to be located at the Metrorail Tri-Rail Station with related site and off-site work.	\$12,000	P2000000104 53001382
Coverboard Replacement	Replace the coverboard.	\$15,613	F6710900 53000918
Acoustical Barrier Replacement	Replace the concrete and metal acoustical barrier along Metrorail's guideway system.	\$82,687	F6710900 53001335
Government Center Fire Systems	Replace the fire system of the Government Center.	\$3,932	P2000000104 53001005
Private Branch Exchange Telephone System Upgrade to VoIP	Upgrade telephone system to VoIP.	\$4,042	P2000000494 53001023
Fiber Optic Repair and Capacity Augmentation	Metrorail fiber optic repair and capacity augmentation.	\$7,300	P2000000494 53001036
Metrorail and Metromover Electronic Real Time Signage	Metrorail and Metromover Electronic Real Time Signage	\$6,876	P2000000494 53001025
Mainline Video Upgrade	Mainline Video Upgrade Phase 2	\$5,577	P2000000026 53001924
Electric Vehicles	Purchase of electric buses and charging stations	\$35,650	F673800 53002475 CS1112
Track Inspection Vehicle/Train	Purchase a track inspection vehicle/train	\$7,300	P2000001386 53002479
South Dade Area Bus Maintenance Facility	Construct a new South Dade Area Bus Maintenance Facility	\$56,214	P2000001120 53002490
Replacement of Articulated Buses	Replacement of articulated buses	\$162,555	F673800 53002474
IRP - Metromover Fire Panel Upgrade	Install new fire panels, sensors and control equipment of the Central Control Facility to monitor fire alarms from all Metromover stations. The new system will allow for Metromover Rail traffic to monitor the status of new fire, smoke and heat detectors. The new system will enhance the safety of Metromover patrons.	\$3,307	F673910 53001387 CS1112
Mover Vehicle Mid Life Overhaul	Involves replacement or overhaul of vehicle subsystems, equipment and components for the reliable operation of the Mover fleet.	\$3,213	F673910 53002478
IRP - Hybrid Electric Bus Battery Replacement	Battery Management replacement system in order to keep Hybrid buses in service.	\$4,390	F673800 53002475 CS1112
Mover and Rail SCADA and Ethernet Switch Replacement	To replace all ethernet switches at all Metrorail & Metromover stations and at Metromover Maintenance Bldg & at Lehman Center Bldg.	\$2,989	F673910 53002478
IRP - Bus Passenger Shelter Project	Bus Passenger Shelters (design, fabrication and installation of approx. 2,265 shelters throughout unincorporated Miami-Dade County).	\$12,586	F671560 53001071 CS1114
Funded State of Good Repair Projects FY 2022 - FY 2031 TOTAL COST (\$000s)		\$1,432,386	



APPENDIX G. CAPITAL PROJECT NEEDS & FUNDING FY 2022 – 2031



8.3. Total Unfunded Need

The implementation plan laid out in Chapter 6 of the MDT10Ahead document identifies the agency's funded, partially funded, and unfunded project needs for both operations and capital projects. The total unfunded need for the ten-year period encapsulates the difference between DTPW's programed needs and the total funding (Table 8-8).

The unfunded need is calculated as the sum of the capital costs for the Unfunded Operations and Capital Projects, combined with the unfunded portions of the Partially Funded Capital Projects. Overall, DTPW's unfunded need is over \$7 billion.

Table 8-8: Ten-Year Implementation Plan Total Unfunded Capital Need

Ten-Year Implementation Plan Projects	Unfunded Capital Need
Unfunded Operations	\$211,703,000
Partially Funded Capital (Unfunded Portion)	\$5,320,016,000
Unfunded Capital	\$1,511,639,000
Total:	\$7,043,358,000





APPENDIX H. TAM PLAN REVISIONS LOG

Date	Description of Change	Made by
July, 2018	Initial TAMP in accordance with FTA TAM Rulemaking requirements	DTPW
October, 2022	Four-year update	DTPW