

# Orlando Urban Area FY 2023/24 – 2039/40 Prioritized Project List

Approved by the MetroPlan Orlando Board on September 12, 2018
Amended: February 13, 2019

# FY 2023/24 - 2039/40 Prioritized Project List Executive Summary

### Introduction

Each year, MetroPlan Orlando prepares a Transportation Improvement Program (TIP), which contains the highway, bicycle/pedestrian, transit, aviation and other transportation-related projects in the MetroPlan Orlando region (Orange, Osceola and Seminole Counties) that are programmed for funding over the next five years. This process begins in the summer of the previous year with the development of a Prioritized Project List (PPL). This document contains a list of unfunded projects on the National Highway System, State Roads, Multimodal System, Regional Trails and Transit that have been prioritized for funding and are described in more detail in the following section. This list of projects is scheduled to cover the period that follows the final fiscal year of the FY 2018/19 - 2022/23 TIP through the target year of MetroPlan Orlando's currently adopted Long Range Transportation Plan. Therefore, this PPL covers the FY 2023/24 through FY 2039/40 time period.

After this document is approved by the MetroPlan Orlando Board, it will be submitted to the Florida Department of Transportation (FDOT). FDOT will use the PPL to select projects for funding in their FY 2019/10 - 2023/24 Tentative Five Year Work Program based on the projects' priorities in the PPL. This Five Year Work Program will then be used by the MetroPlan Orlando staff in preparing the FY 2019/20 - 2023/24 TIP in the spring of 2019. The process will begin again in the summer of 2019 with the development of the FY 2024/25 - 2039/40 PPL. Once a project in the PPL has been fully funded through construction in the TIP, it is taken off the list. The projects remaining on the PPL can then be advanced to a higher priority, and new projects can eventually be added to the list. In addition, the ranking of a project on the PPL can be advanced more quickly if additional funds from local governments or other sources are applied to that project.

# **Project Categories**

The categories of projects in the PPL are described as follows:

### National Highway System & State Roads

In preparing the National Highway and State Road section of the FY 2023/24 - 2039/40 PPL, the MetroPlan Orlando Board and its subsidiary committees developed lists of unfunded projects that have been prioritized for funding based on their potential to help achieve targets set for Safety, Travel Time Reliability (auto and freight), Bridge, and Pavement Condition performance measures. These projects are considered to be cost feasible in MetroPlan Orlando's 2040 Long Range Transportation Plan (LRTP).

The first list, on page 8, includes major capacity improvements to I-4 that involve adding four managed toll lanes along with six general use lanes in the I-4 corridor. The second list includes non-interstate projects <u>on</u> the State Road System (pages 9 - 14). The non-interstate State Road System projects include roadway widenings, complete streets, Transportation Systems Management & Operations, and Bicycle & Pedestrian projects.

### Multimodal System Roadway & Complete Streets

The multimodal System Roadway and Complete Streets project list includes projects off the state road system (pages 15 - 17) that are functionally classified. The projects this list include traditional road widening projects as well as non-capacity multimodal Context Sensitive projects that utilize a combination of bicycle & pedestrian, transit and intersection improvements to improve traffic flow on constrained roadways without adding lanes.

## Multimodal System Transportation Systems Management & Operations Projects

A list of Transportation Systems Management & Operations (TSMO) projects is also included in the PPL on pages 18 - 20. These are relatively low-cost projects that alleviate traffic congestion on existing roadways without adding capacity and utilize such methods as adding turn lanes at intersections, computerized traffic signal systems, dynamic message signs, etc. The TSMO category includes projects pertaining to incident management, Transportation Demand Management, and other related activities.

# Regional Trail & Safe Route to School Projects

The list of Reginal Trail projects in the PPL is shown on pages 21 - 22. These include local and regional trail projects that can be used by cyclists and pedestrians for recreational and/or commuting purposes, on-street bicycle lanes, sidewalk improvements, particularly for safety purposes around elementary schools, and other projects that will improve overall bicycle and pedestrian mobility.

### **Transit Projects**

The list of transit projects shown in the PPL on pages 24 - 25 includes what are known as "premium transit" projects. These projects are defined by the Federal Transit Administration as "transit modes that provide higher comfort, capacity, speed and frequency than typical local bus operations or create a positive perception to users." Projects meeting this definition include commuter rail, light rail, bus rapid transit (BRT), streetcars, etc. The PPL transit section also includes ongoing federal formula transit projects pertaining to the fixed-route bus service operated by LYNX, the local transit provider. Fixed-route bus service is not considered to be premium transit.

MetroPlan Orlando has adopted a policy of using up to 30% of its state DDR funds for the operation of premium transit projects beginning in FY 2020/21. In order to qualify for the DDR funds, the projects must be identified as cost feasible in the 2040 LRTP, and must have gone through either an Alternatives Analysis or similar analysis to evaluate measures of effectiveness, costs and benefits with study results being incorporated in the LRTP. The transit projects in the PPL are divided into four categories and ranked separately based on the types of the projects and the status of the planning/feasibility studies for the projects. The four transit project categories include:

Category A: Projects identified as premium transit in the 2040 LRTP with adopted transit planning/feasibility studies; eligible for DDR operating funds

Category B: Projects requiring planning/feasibility studies; premium transit status and eligibility for DDR operating funds to be determined

Category C: Enhancements to LYNX's fixed route bus system; not premium transit and not eligible for DDR operating funds

Category D: Unranked ongoing federal formula transit projects; not premium transit and not eligible for DDR operating funds

# **Prioritization Methodology**

The process of prioritizing the highway, bicycle and pedestrian and transit projects in the PPL is the responsibility of MetroPlan Orlando's Technical Advisory Committee (TAC). TSMO projects are prioritized by the TSMO Advisory Committee. These committees rank the projects based on such factors as the need to complete projects that have phases funded in the TIP, addressing federal and localized performance measures, the readiness of the projects for implementation, the cost and availability of funding for the projects, and the balance of funding equity among the three counties.

Once the draft PPL has been compiled, it is reviewed by the TAC and TSMO Advisory Committees as well as by the Community Advisory Committee (CAC) and the Municipal Advisory Committee (MAC), which makes its recommendation to the MetroPlan Orlando Board, and the Board gives final approval to the PPL before it is submitted to FDOT.

MetroPlan Orlando has created an online Project Application Tool (PAT) for TAC and TSMO representatives to use to streamline the information-gathering process for new projects being submitted for inclusion in the PPL. Once representatives complete the online application, the PAT creates a Priority Projects Programming Process (4P) application that can be submitted to FDOT. This is helpful in moving projects forward, since a PPL project must have the 4P application submitted to FDOT by the sponsoring jurisdiction in order for the project to be eligible for programming in FDOT's Five Year Work Program and the TIP once funding becomes available.

The PAT also compiles data inputs for each project and produces reports that can be used by TAC and TSMO representatives and by MetroPlan Orlando staff to review and evaluate projects as part of the prioritization process. These data inputs pertain to such factors as:

- Current and future volume/capacity ratios
- Annual average daily traffic (AADT) and truck volume
- Crash data (rate, intensity, density)
- Land use context (population and employment concentrations)
- Planning consistency (LRTP, comprehensive plans, etc.)
- Environmental sensitivity (wetlands and natural lands)
- Environmental justice (neighborhood demographics)
- Local funding contribution

It should be emphasized that the PAT does <u>not</u> automatically prioritize the projects in the PPL or dictate outcomes to decision makers on how projects should be ranked. As previously described, decisions on project prioritization are initially recommended by the TAC and TSMO committees, with input from the CAC, MAC and RLC, and are ultimately approved by the MetroPlan Orlando Board.

## **Estimated Funding Allocations**

There are four categories of funds that the projects in the PPL are candidates for. The main funding category is the federal Surface Transportation Program funds, which are shown by the funding code SU. The SU funds are flexible and can be used for various types of surface transportation projects, including the highway, TSMO, bicycle and pedestrian and transit projects in the PPL.

Due to this flexibility, MetroPlan Orlando has a policy in place to divide the SU funds into percentages for these different types of projects. The policy for the SU funds in the FY 2023/24 - 2039/40 PPL is that these funds be allocated based on a percentage split of 32% for Multimodal Roadway & Complete Street projects, 30% for transit projects, 21% for TSMO projects and 17% for bicycle and pedestrian projects (including safe routes to schools).

The other three categories of funds include District Dedicated Revenue (DDR) funds, National Highway System (NHS) funds and Transportation Regional Incentive Program (TRIP) funds. DDR funds are state funds, of which up to 30% can be used for the operation of premium transit projects as described on page 3. The remaining DDR funds are to be used to implement the priorities in the State Road project list in the PPL.

The NHS funds are federal funds primarily used for projects on the interstate highway system, so the I-4 projects in the PPL are candidates for these funds. TRIP funds are state funds provided for the purpose of improving growth management planning and increasing available funding for regionally significant transportation facilities in regional transportation areas. Under this program, FDOT will provide up to 50% of the total cost of selected regional transportation projects, with the balance coming from local match funds.

The funding allocations shown in the PPL are only for the first fiscal year of the document. Thus, the estimated SU, DDR, NHS and TRIP funding allocations shown below are for FY 2023/24. (These FY 2023/24 allocations were estimated by averaging the amounts of funding in these categories that were programmed during the previous five fiscal years. The actual allocations will vary from year to year.)

The SU funding percentage split, the funding allocations, and the prioritization methodology described above, will be subject to revision in developing future Prioritized Project Lists.

## FY 2022/23 Funding Allocation Estimates

- Surface Transportation Program (SU) funds = Approx. \$28.5 million (Annual average of SU funds programmed from FY 2018/19 through 2022/23)
  - 32% for Roadway & Complete Street Projects = \$9.0 million
  - 30% for Transit Projects = \$8.5 million
  - 21% for TSMO Projects = \$6.0 million
  - 17% Regional Trails & Safe Routes to Schools = \$5 million
- District Dedicated Revenue (DDR) funds = Approx. \$75 million (Annual average of DDR highway funds programmed from FY 2018/19 through 2022/23) up to 30% (\$22.5 million) to be used for the operation of premium transit projects beginning in FY 2020/21
- National Highway System (NHS) funds = Approx. \$183.3 million (Annual average of NHS funds programmed from FY 2018/19 through 2022/23)
- Transportation Regional Incentive Program (TRIP) funds = Approx. \$5.0 million (Annual average of TRIP funds programmed from FY 2018/19 through 2022/23)

# **Abbreviations and Acronyms**

## Funding Categories

**DDR** District Dedicated Revenue funds (State)

FTA Federal Transit Administration funds

NHS National Highway System funds (Federal) - used for interstate highway projects

Surface Transportation Program funds (Federal) - may be used for highway, transit, or enhancement (bicycle/pedestrian, beautification, etc.) projects

in urban areas of greater than 200,000 population

**TALU** Transportation Alternative funds (Federal) - used for bicycle and pedestrian projects

TRIP Transportation Regional Incentive Program funds (State) – used for regionally significant projects with a minimum of 50% in local matching funds

required

## **Project Phases**

**CST** Construction

PD&E Project Development and Environmental Study

**PE** Preliminary Engineering (Design)

**ROW** Right-of-Way Acquisition

## **Interstate Roadway Projects**

FDOT FM #	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	Responsible Agency	Project Type	Project Name / Designation	From	То	Length (Mi.)	Work Description	Phase(s) Funded in TIP	Phases(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
Phases fund	ded in TIP													
2424848 &	1	Travel Time/	Orange Co./	FDOT	Widening	I-4	W of CR 532	W of SR 528/Beachline Expy.	16.45	Ultimate Configuration for	ROW 2017/18-	CST	\$ 1,731,919,000	
4314561		Safety/	Osceola Co.				(Polk/Osceola Line)			General Use & Managed Lanes	2021/22			
		Freight												
2425924	2	Travel Time/	Seminole Co.	FDOT	Widening	I-4	E of SR 434	Seminole/Volusia Co. Line	10.30	Ultimate Configuration for	Partial ROW 2021/22	Remaining ROW	\$ 472,061,000	
		Safety/								General Use & Managed Lanes		/ CST		
		Freight												
4084642*	3	Travel Time/	Volusia Co.	FDOT	Widening	I-4	Seminole/Volusia Co. Line	SR 472 in Volusia Co.		Ultimate Configuration for	PE 2016/17	ROW/CST	\$ 528,000,000	
		Safety/								General Use & Managed Lanes				
		Freight												
2012103*	4	Travel Time/	Polk Co.	FDOT	Widening	I-4	W of US 27 in Polk Co.	W of CR 532 (Polk/Osceola		Ultimate Configuration for	PE 2016/17	ROW/CST	\$ 436,000,000	
		Safety/						Line)		General Use & Managed Lanes				
		Freight												
New Project	ts for Next 5t	th Year												
	5	Travel Time/	FDOT Dist. 5	FDOT	Freight /	I-4	Polk/Osceola Co. Line	Seminole/Volusia Co. Line		Construct Truck Rest Stops		PD&E / PE /	TBD	
**		Safety/			Safety							ROW / CST		
		Freight												

<sup>\*</sup>Although outside the MetroPlan Orlando region, the I-4 Beyond the Ultimate projects from the Seminole/Volusia Co. line to SR 472 in Volusia County and from west of US 27 to the Polk/Osceola County Line in Polk County are included in MetroPlan Orlando's PPL for information purposes in order to show the entire length of the I-4 Beyond the Ultimate improvements.

<sup>\*\*</sup>This project would involve providing truck rest stop areas with adequate capacity in suitable locations, either on I-4 or in close proximity to I-4 with convenient access. Location(s) to be determined in coordination with FDOT and local governments.

# State Roadway Projects - Widening & Complete Streets

FDOT FM #	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	Responsible Agency	Project Type	Project Name / Designation	From	То	Length (Mi.)	Work Description	Phase(s) Funded in TIP	Phases(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
Phases Fun	nded in TIP													
239203-8	*	Travel Time/	Orange Co.	FTE / FDOT	Widening	SR 50	Chuluota Rd.	SR 520	3.11	Widen to 6 Lanes	PD&E - FY 2018/19	ROW	\$ 7,805,000	)
		Freight									PE - FY 2020/21	CST	\$ 14,495,000	
107004.4		0			T0140	00.101					PE EV.0047.40	2011	\$ 22,300,000	
437901-1	1	System Performance	Seminole Co.	FDOT	TSMO	SR 434	at Ronald Reagan Blvd.		_	Intersection Improvements	PE - FY 2017/18	ROW CST	\$ 1,000,000 \$ 5,000,000	· ·
												031	\$ 6,000,000	
418403-3	2	Safety/	Osceola Co./	FDOT	Widening	John Young Pkwy.	Pleasant Hill Rd.	Portage St.	2.36	Widen to 6 Lanes & Flyover	ROW - FY 2021/22	CST	\$ 39,500,000	
		System Performance	Kissimmee					_		at Pleasant Hill Rd.				
435731-1	3a	Safety	Orange Co.	Orange	Complete Street	SR 434/Alafaya Tr.	Research Pkwy.	McCulloch Rd.	1.67	Context Sensitive Improvements	PE - FY 2018/19	CST	\$ 6,680,000	FY2023/24
435731-1	3b	Safety	Orange Co.	Orange	Complete Street	SR 434/Alafaya Tr.	Challenger Pkwy.	Research Pkwy	0.99	Context Sensitive Improvements	Planning - FY 2016/17	PE	\$ 5,500,000	) FY2023/24
												ROW / CST	\$ 16,500,000 \$ 22,000,000	
	4	Safety/	Winter Park	FDOT	Complete Street	SR 15/600 & US 17/92	Norfolk Ave.	Monroe St.	2.20	Construct medians/improve	PE - FY 2018/19	ROW	\$ 2,700,000	
		System Performance								Bike & Ped		CST	\$ 3,400,000	)
													\$ 6,100,000	
437174-1 &	5a	Safety/	Orange Co./	FDOT	Widening	SR 535	US 192	SR 536/World Center Dr.	3.06	Widen to 6 Lanes	PD&E - FY 2019/20	PE POW ( OOT	\$ 2,700,000	
437175-1		System Performance	Osceola Co.									ROW / CST	\$ 3,400,000 \$ 6,100,000	
437174-1 &	. 5b	Safety/	Orange Co./	FDOT	Complete Street	SR 535	SR 536/World Center Dr.	I-4	1.50	Context Sensitive Improvements	PD&E - FY 2019/20	PE	\$ 2,700,000	
437175-1		System Performance	Osceola Co.		Complete Careet	5.1. 555	on dod, nama domer bil		2.00	Contone Concluse improvemente	. 5 42 2 5 2 5 / 2 5	ROW / CST	\$ 3,400,000	-
												,	\$ 6,100,000	
437200-1	6	System Performance	Osceola Co.	FDOT	Widening	US 17/92	Polk/Osceola Co. Line	1,900' W of Poinciana Blvd.	4.53	Widen to 4 Lanes	PD&E - FY 2019/20	PE	\$ 2,700,000	FY2023/24
												ROW / CST	\$ 3,400,000	
		0.61	0 0	FDOT	Mr. L	110 444 (O D)	0 0	2011 01	4.00	5.1.1.1.1	PE - EV-0040-/40	2011	\$ 6,100,000	
	/	Safety	Orange Co.	FDOT	Widening	US 441 / Orange Blossom Tr. Pedestrian Enhancement	Gore St.	30th St.	1.32	Pedestrian Improvements	PE - FY 2018/19	ROW CST	\$ 824,000 \$ 4,578,998	
						Pedestrian Enhancement Phase 2a						W1	\$ 5,402,998	

\$ 435733-1 10 Safety/ Orange Co. FDOT Complete Street SR 527/Orange Ave. SR 15/Hoffner Ave. Pineloch Ave. 2.42 Context Sensitive Improvements - PE \$ ROW / CST \$	FDOT FM#	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	Responsible Agency	Project Type	Project Name / Designation	From	То	Length (Mi.)	Work Description	Phase(s) Funded in TIP	Phases(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
March   Marc	ew Projects	for Next 5	5th Year												
				Orange Co.	FDOT	TSMO	SR 527 / Orange Ave.	at Sand Lake Rd.			Improve intersection		PE	\$ 238,366	FY2023/24
Special Performance   Special Performance   Special State   Special Company   Special Performance   Special State   Special			System Performance										CST	\$ 1,656,550	
Special Performance   Special Performance   Special State   Special Company   Special Performance   Special State   Special														\$ 1,894,916	
April   10   Guestic   1001   Carrollera Sizes   1001   Carrollera S	135733-1	9	• • • • • • • • • • • • • • • • • • • •	Orange Co.	FDOT	Complete Street	SR 527/Orange Ave.	SR 482/Sand Lake Rd.	SR 15/Hoffner Ave.	1.80	Context Sensitive Improvements	<del></del>		\$ 2,900,000 \$ 27,000,000	FY2023/24
Application			System Ferrormance										KOW / CSI	\$ 29,900,000	
1.1   Suffey	135733-1	10	Safety/	Orange Co.	FDOT	Complete Street	SR 527/Orange Ave.	SR 15/Hoffner Ave.	Pineloch Ave.	2.42	Context Sensitive Improvements		PE	\$ 1,000,000	FY2023/24
-			System Performance										ROW / CST	\$ 16,000,000	
CST   Safety   Winter Pierle   FOOT   ISMO   SR 426 / Fairbanie Ave.   Harger St.   Wind Ave.   Extend Left Turn Lane   -   FE   S   Safety   System Performance   CST   S   Safety   System Performance   System Performance   CST   S   Safety   System Performance   System P														\$ 17,000,000	
1		11	Safety	Orange Co.	FDOT	Sidewalk	SR 482 (Sand Lake Rd.)	mile post 0.673	mile post 2.941	2.26	Fill in Sidewalk Gaps			\$ 110,000	FY2023/24
System Performance													CST	\$ 550,000	
System Performance		10	Sofoty/	Winter Park	EDOT	OMST	SP 426 / Fairbanks Avo	Harnar Ct	Ward Avo		Extend Left Turn Lane		DE	\$ 660,000 \$ 250,000	FY2023/24
13   Safrey   Orange Co.   PDOT   T3MO   US 441 / SR 528   at Lareview Rd.   -   Improve intersection   -   PE   \$		12		Willer Park	FDOT	131010	SR 420 / Failbaliks Ave.	narper St.	ward Ave.		Exterio Lert Turri Larie	<del></del>		\$ 500,000	F12023/24
System Performance			dystem i enormande										001	\$ 750,000	
Section		13	Safety/	Orange Co.	FDOT	TSMO	US 441 / SR 526	at Lakeview Rd.			Improve intersection		PE		FY2023/24
CST \$ Safety   Casselbury   FDOT   TSMO   Casselbury   Casselbury   FDOT   TSMO   Casselbury   Casselbury   FDOT   TSMO   Casselbury   FDOT   TSMO   Casselbury   Casselbury   Casselbury   FDOT   TSMO   Casselbury   Casselbury   Casselbury   FDOT   TSMO   Casselbury   Casselbury   Casselbury   Casselbury   Casselbury   Casselbury   FDOT   TSMO   Casselbury   Cas			System Performance										CST	\$ 732,408	
CST   State   Casselberry   FDOT   TSMO   Casselbor   Dr.   St SR 436   -   Operational Improvements   -   PE   S   Steep   Parformance   Steep   St														\$ 987,154	
Safety		14	Safety	Osceola Co.	FDOT	Sidewalk	US 192 / SR 530	mile post 0.046	mile post 1.190	1.14	Fill in Sidewalk Gaps			\$ 190,000	FY2023/24
System Performance   Sidewalk   US 441 / Orange Blossom Tr.   mile post 0.945 & 0.061   mile post 1.068 & 0.183   0.24   Fill in Sidewalk Gaps													CST	\$ 950,000	
System Performance		15	Safety/	Casselherny	FDOT	TSMO	Casselton Dr	at SR 436			Operational Improvements		DF	\$ 1,140,000 \$ 30,000	FY2023/24
- 16 Safety Orange Co. FDOT Sidewalk US 441/ Orange Blossom Tr. mile post 0.945 & 0.061 mile post 1.068 & 0.183		13	• • • • • • • • • • • • • • • • • • • •	Cassementy	1001	13100	Cassellon Dr.	at 311 430			Operational improvements			\$ 200,000	112023/24
CST   S   CST   S   CST   S   CST   S   CST			dystem i enormanee										001	\$ 230,000	
Safety Orlando FDOT Sidewalk US 441/Orange Blossom Tr. SR 50 Church St. 0.91 Fill in Sidewalk Gaps — PE S CST S S S SAFETY System Performance State System State State System State Sta		16	Safety	Orange Co.	FDOT	Sidewalk	US 441 / Orange Blossom Tr.	mile post 0.945 & 0.061	mile post 1.068 & 0.183	0.24	Fill in Sidewalk Gaps		PE	\$ 25,000	FY2023/24
CST \$													CST	\$ 125,000	
CST \$														\$ 150,000	
Safety/ System Performance Size Minister Springs FDOT TSMO SR 436 at Carmel Cir. — — Operational Improvements — PD & E Springs FDOT TSMO SR 436 at Tuskawilla Rd. — Northbound re-stripe with exclusive through and exclusive right turn lane  — System Performance  — PE Springs FDOT TSMO SR 436 at Minister Blake Blvd. — Intersection Improvements — PE Springs FDOT TSMO SR 436 at Montgomery Rd. — Add Turn Lanes — PD & E Springs FDOT TSMO SR 436 at Montgomery Rd. — Extend EB dual left turn lanes — PE Springs FDOT TSMO SR 436 at Montgomery Rd. — Extend EB dual left turn lanes — PE Springs FDOT TSMO SR 436 at Montgomery Rd. — Extend EB dual left turn lanes — PE Springs FDOT TSMO SR 436 at Montgomery Rd. — Extend EB dual left turn lanes — PE Springs FDOT TSMO SR 436 at Montgomery Rd. — Extend EB dual left turn lanes — PE Springs FDOT SPOT TSMO SR 436 at Montgomery Rd. — Extend EB dual left turn lanes — PE Springs FDOT SPOT SPOT SPOT SPOT SPOT SPOT SPOT SP		17	Safety	Orlando	FDOT	Sidewalk	US 441 / Orange Blossom Tr.	SR 50	Church St.	0.91	Fill in Sidewalk Gaps			\$ 1,000,000	FY2023/24
System Performance  System Performance  Seminole Co. FDOT  TSMO  SR 426  at Tuskawilla Rd.  - 19 Safety/ System Performance  System Performance  System Performance  Winter Springs  FDOT  TSMO  SR 434  at Michael Blake Blvd.  - 20 Safety/ System Performance  System Performance  FDOT  TSMO  SR 434  at Michael Blake Blvd.  Intersection Improvements  - PE  System Performance  Sys													CSI	\$ 4,700,000 \$ 5,700,000	
System Performance  System Performance  Signification  System Performance  System Perf		18	Safety/	Casselberry	FDOT	TSMO	SR 436	at Carmel Cir.			Operational Improvements		PD & F	\$ 30,000	FY2023/24
\$ Safety/ System Performance Seminole Co. FDOT TSMO SR 426 at Tuskawilla Rd Northbound re-stripe with exclusive through and exclusive right turn lane CST \$ System Performance Seminole Co. FDOT TSMO SR 434 at Michael Blake Blvd Intersection Improvements PE \$ CST \$ S System Performance System Performance System Performance System Performance Seminole Co. FDOT TSMO SR 436 at Montgomery Rd Steend EB dual left turn lanes PE \$ CST \$ S System Performance Seminole Co. FDOT TSMO SR 436 at Montgomery Rd Steend EB dual left turn lanes PE \$ CST \$ S S System Performance Seminole Co. FDOT TSMO SR 436 STAGE SYSTEM PERFORMANCE SYSTEM PERFORMANCE SYSTEM PERFORMANCE STAGE SYSTEM PERFORMANCE SYSTEM PERFORMANCE SYSTEM PERFORMANCE STAGE SYSTEM PERFORMANCE			= :	00000.00,			5.1.155							\$ 200,000	112020/21
System Performance  System													, ,	\$ 230,000	
20 Safety/ System Performance		19	Safety/	Seminole Co.	FDOT	TSMO	SR 426	at Tuskawilla Rd.			Northbound re-stripe with exclusive		CST	\$ 115,000	FY2023/24
System Performance  System			System Performance								through and exclusive right turn lane				
System Performance  System		20	Safety/	Winter Springs	FDOT	TSMO	SR 434	at Michael Blake Blyd			Intersection Improvements		PF	\$ 150,000	FY2023/24
System Performance System Perfor		20		Winter opinige	150.	10,110		at Mioridor Blanc Biva.			interessed in imprevenients			\$ 350,000	112020/21
System Performance  System Performance  System Performance  Seminole Co. FDOT TSMO SR 436 at Montgomery Rd Extend EB dual left turn lanes PE \$  CST \$  System Performance														\$ 500,000	
Seminole Co. FDOT TSMO SR 436 at Montgomery Rd Extend EB dual left turn lanes PE \$  CST \$  System Performance System Pe		21	Safety/	Orange Co.	FDOT	TSMO	SR 15/Conway Rd.	at Gatlin Ave.		-	Add Turn Lanes		PD & E	\$ 250,000	FY2023/24
System Performance CST \$ \$ \$			System Performance										PE / ROW / CST	\$ 750,000	
System Performance CST \$ \$ \$														\$ 1,000,000	
\$		22	= :	Seminole Co.	FDOT	TSMO	SR 436	at Montgomery Rd.		-	Extend EB dual left turn lanes			\$ 100,000	FY2023/24
- 23 Safety/ Orange Co. FDOT TSMO SR 424/Edgewater Dr. at SR 426/Fairbanks Ave Add Turn Lanes - PD & E \$			System Performance										CST	\$ 400,000 \$ 500,000	
The proof of the p		23	Safety/	Orange Co	FDOT	TSMO	SR 424/Edgewater Dr	at SR 426/Fairbanks Ave		1 _	Add Turn Lanes		PD & F	\$ 500,000	FY2023/24
System Performance PE / ROW / CST \$		23			1001	ISIVIO	On 724/ Lugewaler Dr.	at on 720/1 ambanns Ave.			Add Tulli Lailes			\$ 1,500,000	1 12023/24
			system i stromanoc											\$ 2,000,000	

# State Roadway Projects - Widening and Complete Streets

FDOT FM#	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	Responsible Agency	Project Type	Project Name / Designation	From	То	Length (Mi.)	Work Description	Phase(s) Funded in TIP	Phases(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
New Project	ts for Next 5	th Year, Continued												
	24	Safety/ System Performance	Seminole Co. Orange Co.	FDOT	TSMO ITS - Mplan	Active Arterial Management - SR 436 / Semoran Blvd.	Orlando International Airport	I-4	18.02	Active Arterial Management for a significantly congested corridor in the MetroPlan Region		CST	\$ 1,000,000	FY2023/24
	25	Safety/ System Performance	Seminole Co. Orange Co. Osceola Co.	FDOT	TSMO ITS - Mplan	Active Arterial Management - US 17/92	US 192	SR 46	36.50	Active Arterial Management for a significantly congested corridor in the MetroPlan Region		CST	\$ 1,300,000	FY2023/24
	26	Safety/ System Performance	Seminole Co. Longwood	FDOT	Complete Street	SR 434	Range Line Rd.	Myrtle St.	2.10	Context Sensitive Improvements	Planning - FY 2016/17	<b>PE</b> CST	\$ 2,000,000 \$ 12,000,000 \$ 14,000,000	
	27	Safety/ System Performance	Seminole Co.	Seminole Co. FDOT	Widening	SR 434	SR 417	Mitchell Hammock Rd.	3.60	Widen to 4 Lanes	Planning - FY 2018/19	PE ROW / CST	\$ 1,000,000 \$ 34,000,000 \$ 35,000,000	FY2023/24
	28	Safety/ System Performance	Ocoee	MetroPlan FDOT	Complete Street	SR 438/Silver Star Rd.	SR 429	Bluford Ave.	1.30	Context Sensitive Improvements	Planning - FY 2018/19	<b>PE</b> CST	\$ 975,000 \$ 5,200,000 \$ 6,175,000	
									<u>, , , , , , , , , , , , , , , , , , , </u>	Total	to Complete TIP Projects a	nd Next 5th Year =	\$82,301,110	

FDOT FM #	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	Responsible Agency	Project Type	Project Name / Designation	From	То	Length (Mi.)	Work Description	Phase(s) Funded in TIP	Phases(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
Other State	Road Needs													
	29	Safety/ Travel Time	Apopka	FDOT	Complete Street	US 441 / City Center Improvements	Megee Ave	SR 436	0.45	Sidewalks, Roundabout & Signalize (Magee & SR 436)		CST	\$ 2,630,000	
	30	Safety/ Freight/ Travel Time	Seminole Co. Orange Co.	FDOT	TSMO ITS - Mplan	Adaptive Signal System SR 436 / Semoran Blvd.	SR 50	Red Bug Lake Rd.	6.30	Install an Adaptive Signal System		CST	\$ 816,000	
	31a		Seminole Co./ Alt Springs	FDOT LYNX	Complete Street Transit	SR 436	SR 434	Northlake Blvd.	2.10	Context Sensitive Improvements	Planning - FY 2016/17	PE CST	\$ 1,575,000 TBD \$ 1,575,000	
	31b		Alt Springs	FDOT LYNX	Complete Street Transit	SR 436	Northlake Blvd.	Boston Ave.	0.82	Context Sensitive Improvements	Planning - FY 2018/19	PE CST	\$ 900,000 TBD \$ 900,000	
	31c		Alt Springs	FDOT LYNX	TSMO ITS - Mplan	SR 436	Maitland Ave. (CR 427) Weathersfield Ave.	Palm Springs Dr. Lynchfield Dr.	0.50 0.50	Add 4th Lane - Aux Iane	-	PE CST	\$ 350,000 \$ 2,900,000 \$ 3,250,000	
	31d		Alt Springs	FDOT LYNX	TSMO ITS - Mplan	SR 436	Newburyport	at Ronald Reagan Blvd. (CR 427)	0.50	Intersection Improvements	-	ROW CST	\$ 2,000,000 \$ 1,600,000 \$ 3,600,000	
	31e		Alt Springs	FDOT LYNX	Complete Street Transit	SR 436	Boston Ave.	SunRail Station	0.82	Context Sensitive Improvements	Planning - FY 2018/19	PE CST	\$ 350,000 TBD \$ 350,000	
	31f		Alt. Springs	FDOT LYNX	Complete Street Transit	SR 436	SunRail Station	Anchor Ave.	1.56	Context Sensitive Improvements	Planning - FY 2018/19	PE CST	\$ 350,000 TBD \$ 350,000	
										Premium Transit Operations		annual operating ->	\$ 100,000	
	31g		Casselberry	FDOT LYNX	TSMO ITS - Mplan	SR 436	at Casselton Rd.			Intersection Improvements		PE CST	\$ 30,000 \$ 220,000 \$ 250,000	
	31h		Casselberry	FDOT LYNX	TSMO ITS - Mplan	SR 436	at Carmel Cir.			Intersection Improvements		PE CST	\$ 30,000 \$ 220,000 \$ 250,000	
_	31i		Seminole Co/ Casselberry	FDOT LYNX	Complete Street Transit	SR 436	Anchor Rd.	Orange Co.	4.88	Context Sensitive Improvements  Premium Transit Operations	Planning - FY 2018/19	PE CST annual operating ->	\$ 2,900,000 TBD \$ 2,900,000 \$ 1,000,000	
	31j		Orange Co./ Orlando	FDOT LYNX	Complete Street Transit	SR 436	Orange Co.	SR 50	3.31	Context Sensitive Improvements  Premium Transit Operations	Planning - FY 2018/19	PE CST annual operating ->	\$ 1,300,000 TBD \$ 1,300,000 \$ 700,000	

FDOT FM #	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	Responsible Agency	Project Type	Project Name / Designation	From	То	Length (Mi.)	Work Description	Phase(s) Funded in TIP	Phases(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
Other State	Road Needs	s, Continued												
	31k		Orange Co./ Orlando	FDOT LYNX	Complete Street Transit	SR 436	SR 50	OIA	7.28	Context Sensitive Improvements	Planning - FY 2018/19	PE CST	\$ 4,100,000 TBD \$ 4,100,000	
										Premium Transit Operations		annual operating ->	\$ 2,100,000	
	32		Orlando	FDOT	Roadway	SR 526 / Robinson St.	Rosalind Ave.	Maguire Blvd.	1.89	Context Sensitive Improvements	Planning - FY 2016/17	PE CST	\$ 1,417,500 TBD \$ 1,417,500	
	33		Osceola Co. Orange Co.	FDOT	TSMO ITS - Mplan	Adaptive Signal System US 192 Phase II	Avalon Rd	Columbia Ave.	16.32	Install an Adaptive Signal System		CST	\$ 2,499,000	
	34	-	Orange Co.	FDOT	TSMO ITS - Mplan	Adaptive Signal System SR 50	Forsyth Rd.	Avalon Park Blvd.	7.85	Install an Adaptive Signal System	-	CST	\$ 1,122,000	
	35		Longwood	FDOT	Complete Street	US 17/92	Dog Track Rd.	Shepard Rd.	2.50	Context Sensitive Improvements	-	PD & E PE / ROW / CST	\$ 1,500,000 \$ 6,000,000 \$ 7,500,000	
	36		Sanford	FDOT	Complete Street	US 17/92	SR 417	SR 46/1st St.	2.80	Context Sensitive Improvements	Planning - FY 2016/17	PE CST	\$ 2,100,000 \$ 11,200,000 \$ 13,300,000	
	37		Orlando	FDOT	Complete Street	SR 527/Orange Ave.	SR 50	Princeton St.	1.30	Context Sensitive Improvements	-	PE CST	\$ 975,000 \$ 5,200,000 \$ 6,175,000	
	38		Orange Co.	FDOT	TSMO	SR 500/US 441	at Piedmont Wekiva Rd.			Add Turn Lanes	-	PD & E PE / ROW / CST	\$ 100,000 \$ 400,000 \$ 500,000	
	39		Seminole Co	FDOT	Sidewalk	SR 46	mile post 4.790 mile post 7.412	mile post 5.570 mile post 8.441	0.78 1.02	Fill in Sidewalk Gaps	-	PE CST	\$ 285,000 \$ 1,425,000 \$ 1,710,000	
	40		Orange Co.	FDOT	TSMO	SR 424/Edgewater Dr.	at SR 423/Lee Rd.			Add Turn Lanes		PD & E PE / ROW / CST	\$ 100,000 \$ 400,000 \$ 500,000	
	41		Orange Co.	FDOT	TSMO	SR 438/Silver Star Rd.	at Hiawassee Rd.			Improve intersection		PE CST	\$ 100,000 \$ 400,000 \$ 500,000	
	42	***	Orange Co.	FDOT	TSMO	SR 438/Silver Star Rd.	at Pine Hills Rd.			Improve intersection		PE CST	\$ 100,000 \$ 400,000 \$ 500,000	
	43		Orange Co.	FDOT	Complete Street	SR 426/Aloma Ave.	SR 436	Orange/Seminole Co. Line	1.50	Context Sensitive Improvements		PE CST	\$ 1,125,000 \$ 6,000,000 \$ 7,125,000	
	44	-	Orange Co.	FDOT	Complete Street	SR 482/Sand Lake Rd.	SR 500/US 441	SR 527/Orange Ave.	2.30	Context Sensitive Improvements		PE CST	\$ 1,725,000 \$ 9,200,000 \$ 10,925,000	

FDOT FM #	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	Responsible Agency	Project Type	Project Name / Designation	From	То	Length (Mi.)	Work Description	Phase(s) Funded in TIP	Phases(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
Other State	Road Needs	s, Continued	Orlando	FDOT	Complete Street	SR 50	Bumby Ave.	Old Cheney Hwy.	1.90	Context Sensitive Improvements		PE	\$ 1,425,000	
	45		Onando	FBOT	Complete Street	3N 50	Bulliby Ave.	Old Cheriey Hwy.	1.90	Context Sensitive improvements		CST	\$ 7,600,000	
													\$ 9,025,000	
	46		Orlando	FDOT	Complete Street	SR 552/Curry Ford Rd.	Crystal Lake Dr.	SR 436	2.03	Context Sensitive Improvements		PE	\$ 1,522,500	
												CST	\$ 8,120,000	
	47		Orlando	FDOT	Complete Street	SR 435/Kirkman Rd.	SR 482/Sand Lake Rd.	SR 50	7.00	Context Sensitive Improvements		PE	\$ 9,642,500 \$ 5,250,000	
	41		Onando	FBOT	Complete Street	3h 435/ Mikillali hu.	3h 402/ Saliu Lake hu.	3N 50	7.00	Context Sensitive improvements		CST	\$ 28,000,000	
													\$ 33,250,000	
	48		Alt. Springs	FDOT	Complete Street	SR 434	Maitland Blvd.	SR 436	2.00	Context Sensitive Improvements		PE	\$ 1,500,000	
												CST	\$ 8,000,000	
	40		0,,,,,,,,	FDOT	TOMO	CD 500 (UC 444	at Disease the Comments Del			Add Town Love		DD 0 F	\$ 9,500,000	
	49		Orange Co.	FDOT	TSMO	SR 500/US 441	at Plymouth Sorrento Rd.			Add Turn Lanes		PD & E PE / ROW / CST	\$ 100,000 \$ 400,000	
												FL/ 110W/ 031	\$ 500,000	
	50		Orlando	FDOT	Complete Street	SR 50	N. Tampa Ave.	Hughey Ave.	1.40	Context Sensitive Improvements		PE	\$ 1,050,000	
												CST	\$ 5,600,000	
													\$ 6,650,000	
	51		Orlando	FDOT	Complete Street	SR 500/US 441	SR 50	Clarcona-Ocoee Rd.	4.80	Convert roadway segment		PE	\$ 3,600,000	
										from rural to urban		CST	\$ 19,200,000 \$ 22,800,000	
	52		Orlando	FDOT	Complete Street	SR 50	SR 435/Kirkman Rd.	N. Tampa Ave.	3.10	Context Sensitive Improvements		PE	\$ 2,325,000	
												CST	\$ 12,400,000	
													\$ 14,725,000	
	53		Seminole Co.	FDOT	Widening	SR 434	SR 436	Montgomery Rd.	2.50	Widen to 6 Lanes		PD & E	\$ 2,500,000	
												PE / ROW / CST	\$ 31,250,000 \$ 33,750,000	
	54		Osceola Co.	FDOT	Complete Street	SR 500/US 441	US 192	Osceola Pkwy.	2.25	Context Sensitive Improvements		PE	\$ 1,687,500	
			00000.00		Joinpiete Garage	3.1. 333, 33 1.1	00 202	goodala i iiiiyi	0	Context Constant Improvement		CST	\$ 9,000,000	
													\$ 10,687,500	
_	55	_	Osceola Co.	FDOT	Complete Street	US 17/92	Poinciana Blvd.	Pleasant Hill Rd.	3.10	Context Sensitive Improvements	-	PE	\$ 2,325,000	
												CST	\$ 12,400,000	
	56		Seminole Co.	FDOT	Widening	SR 414/Maitland Blvd.	Bear Lake Rd.	Orange/Seminole Co. Line	2.20	Widen to 6 Lanes		PD & E	\$ 14,725,000 \$ 2,200,000	
	30		Seminoic oo.	1 501	Wideling	ON 414/ Waldalla Biva.	bear take Na.	Orange/ Jerninole Go. Line	2.20	widen to o Lanes		PE / ROW / CST	\$ 27,500,000	
													\$ 29,700,000	
	57		Longwood	FDOT	TSMO	SR 434 @ US 17/92	250' east	250' west	0.10	Safety Project - Sidewalks & Ped Signals		PE	\$ 100,000	
												CST	\$ 400,000	
	58		Seminole Co.	FDOT	TSMO	Connected Vehicle Pilot	Regionwide			Test connected vehicle		PE	\$ 500,000 \$ 100,000	
	50		Orange Co.	1001	ISIVIO	US 17/92	Negionwide			strategies & Guidelines		CST	\$ 400,000	
			Osceola Co.			00 1.,02				on a topico a dalacimico		001	\$ 500,000	
	59		Orange Co.	FDOT	TSMO	Bicycle & Pedestrian Innovative ITS	Holden Ave.	I-4	1.08	Install bicycle and pedestrian ITS		CST	\$ 100,000	
					ITS - Mplan	US 441			4.00	technologies				
240216-8	60		Seminole Co.	FDOT	Widening	SR 46	SR 415	CR 426	8.56	Widen to 4 Lanes	PE - FY 2022/23	ROW	\$ 8,000,000	
5210-0			3311111010 00.		Muching	5K 40	01( 410	OIL 420	0.50	Machito 4 Lunes	12 112022/20	CST	\$ 82,000,000	
								1					\$ 90,000,000	

# Multimodal System Projects - Roadway & Complete Streets

FDOT FM #	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	4-P Status	Project Type	Project Name / Designation	From	То	Length (Mi.)	Work Description	Phase(s) Funded in TIP	Phase(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
Phases fund	ded in TIP													
4412751	1	Safety/ Multimodal Con.	Orlando	4-P Ready	Roadway	Edgewater Dr. Streetscape	Lakeview St.	Par St.	1.50	Streetscape & bicycle & pedestrian improvements	PE - FY 2021/22	CST Local Funds	\$ 4,000,000 \$ 6,000,000 \$ 10,000,000	FY2023/24
	2	Safety/ Multimodal Con.	St. Cloud	4-P Ready	Bike / Ped	St. Cloud Sidewalks	Delaware Ave., Vermont Ave. & Columbia Ave.		1.45	Sidewalks	PE - FY 2021/22	CST	\$225,000	FY2023/24
	3	Safety/ Multimodal Con.	St. Cloud	4-P Ready	Bike / Ped	17th St. Sidewalks	Canoe Creek	Missouri Ave.	0.20	Sidewalks	PE - FY 2021/22	CST	\$225,000	FY2023/24
	4	Safety/ Multimodal Con.	Kissimmee	4-P Ready	Bike / Ped	Downtown Kissimmee Streetscape Emmett / Broadway / Main	John Young Pkwy.	US 192	1.45	Streetscape & bicycle & pedestrian improvements	PE - FY2021/22	CST Local Funds	\$4,000,000 \$ 1,000,000 \$ 5,000,000	FY2023/24
	5	Safety/ Multimodal Con.	Longwood	4-P Ready	Bike / Ped	Longwood South Pedestrian Corridors Segments 1 & 4	on Church Ave. & Warren Ave.		1.00	Sidewalks	PE - FY 2021/22	CST	\$200,000	FY2023/24

# Multimodal System Projects - Roadway & Complete Streets

FDOT FM #	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	4-P Status	Project Type	Project Name / Designation	From	То	Length (Mi.)	Work Description	Phase(s) Funded in TIP	Phase(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
New Project	s for Next 5t	h Year												
	6	Safety/	Orlando	Need	Complete Street	Virginia Dr.	SR 527/Orange Ave.	US 17/92/Mills Ave.	0.50	Context Sensitive Improvements	Planning - FY 2016/17	PE	\$ 375,000	FY2023/24
		Multimodal Con.		Application								CST	\$ 2,000,000	
													\$ 2,375,000	
	7	Safety/	Seminole Co.	Need	Bike / Ped	Lake Jessup Ave.	Mitchel Hammock	Artesia St.	2.00	Sidewalks		• =	\$ 47,500	FY2023/24
		Multimodal Con.	Oviedo	Application								CST	\$ 100,000	
1010070	0	0.61.7	0 ( )	4.5		0.111	00.40	D	0.50	N. A B lin		5.5	\$ 147,500	F)/0000 /04
4318072	8	Safety/ Multimodal Con.	Sanford	4-P Ready	Roadway	Goldsboro Community Gateway	SR 46	Persimmon Ave./8th St.	0.52	New Access Road into		PE ROW /CST	\$ 390,000 \$ 3,120,000	FY2023/24
		Multimodal Con.		Ready						Goldsboro Community		ROW/CS1	\$ 3,510,000	
	9	Safety/	Orlando	4-P	Bike / Ped	Downtown Orlando	Community Redevelopmen	It Area of Downtown Orlando		Planning Study for bicyclist		Planning	\$ 200,000	FY2023/24
	Ü	Multimodal Con.	onando	Ready	Billey Fod	Bicycle Study	Community read to open on			accommodation		T ISITIMIS	200,000	112020/21
	10	Safety/	Orlando	4-P	Roadway	W. Gore St. Corridor Study	S. Rio Grande Ave.	Delaney Ave.	1.61	Road Diet/Complete Street		Planning	\$ 300,000	FY2023/24
		Multimodal Con.		Ready		•		,		Corridor Study		PE / CST	\$ 7,647,500	,
													\$ 7,947,500	
	11	Safety/	Seminole Co.	Need	Complete Street	Mitchell Hammock Rd.	SR 426	Lockwood Blvd.	0.50	Context Sensitive Improvements		PE	\$ 375,000	FY2023/24
		Multimodal Con.	Oviedo	Application								CST	\$ 2,000,000	
													\$ 2,375,000	
	12	Safety/	Seminole Co.	4-P	Bike / Ped	Cross Seminole Trail Overpass	at US 17/92			Staircases & Sidewalk		CST	\$ 180,000	FY2023/24
		Multimodal Con.		Ready		Pedestrian Connections								
	13	Safety/	Orange Co.	4-P	Bike / Ped	Sidewalks - Oakland & Tubb	Citywide	Oakland Ave - 2mi	3.00	Add Sidewalks		PE	\$ 390,000	FY2023/24
		Multimodal Con.	Oakland	Ready				Tubb St - 1mi				CST	\$ 2,600,000	
													\$ 2,990,000	
	14	Safety/	Apopka	Need	Complete Street	N Rock Springs Rd.	Votaw Rd.	Ponken Rd.	3.00	Context Sensitive Improvements		Planning	\$ 250,000	FY2023/24
		Multimodal Con.		Application		Complete Streets Study						PE / CST	TBD	
													\$ 250,000	
	15	Safety/	Casselberry	4-P	Bike / Ped	Quail Pond Cir.	Sunset Dr.	Lake Concord Park		Path / Sidewalk		CST	\$ 287,000	FY2023/24
		Multimodal Con.		Ready										
					<u> </u>									
										Total t	o Complete TIP Projects a	and Next 5th Year =	\$ 11,444,500	

# Multimodal System Projects - Roadway & Complete Streets

FDOT FM #	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	4-P Status	Project Type	Project Name / Designation	From	То	Length (Mi.)	Work Description	Phase(s) Funded in TIP	Phase(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
Other Multir	nodal Syster	m Needs: Roadway /	Complete Streets	5										
	16		Orange Co.	Need	Complete Street	Virginia Dr., Forest Ave.	US 17/92/Mills Ave.	Bennett Rd.	2.10	Context Sensitive Improvements	Planning - FY 2017/18	PE PE	\$ 1,575,000	
			Orlando	Application		& Corrine Dr.						CST	\$ 8,400,000	
													\$ 9,975,000	
4379321	17		Kissimmee	Need	Complete Street	Central Ave. Bike & Ped	Martin Luther King Blvd.	Donegan Ave.	1.50	Context Sensitive Improvements	Planning - FY 2017/18	PE PE	\$ 1,125,000	
				Application								CST	\$ 6,000,000	
													\$ 7,125,000	
	18		Oviedo	Need	Bike / Ped	Pine Ave Sidewalks	Connecting to		0.60	Sidewalks		PE	\$ 58,466	
				Application			Cross Seminole Trail					CST	\$ 250,000	
													\$308,466	
	19		Kissimmee	4-P	Roadway	Columbia Ave. Complete Streets	N. Hoagland Blvd.	Dyer Blvd.	0.55	Bicycle & Pedestrian		PE	\$ 412,500	
				Ready						Improvements		CST	\$ 2,200,000	
													\$ 2,612,500	
	20		Longwood	Need	Complete Street	Warren Ave. Complete Street	St. Laurent St.	S. Milwee St.	0.67	Context Sensitive Improvements		Study	\$ 300,000	
				Application						Corridor Study		PE / CST	\$ 3,182,500	
													\$ 3,482,500	
	21		Apopka	Need	Complete Street	South Park & Michael Gladden	US 441 / Main St.	Cleveland Rd.		Context Sensitive Improvements		Study	\$ 250,000	
				Application		Complete Streets Study	S Park Ave.	Bradshaw Rd.		Corridor Study		PE / CST	\$ -	
													\$ 250,000	
	22		Orlando	4-P	Bike / Ped	SW Orlando Bicycle/Pedestrian	SR 408	Sand Lake Rd.		Improve Safety & Multimodal		Study	\$ 300,000	
				Ready		Study				Connectivity				
	23		Seminole Co.	Need	Complete Street	Orange Blvd.	SR 46 / 25th St.	Monroe Rd.	3.14	Context Sensitive Improvements	PE - FY 2018/19	ROW	TBD	
				Application								CST	\$ 12,000,000	
													\$ 12,000,000	

# Multimodal System Projects - Transportation Systems Management & Operations

FDOT FM #	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	4-P Status	Project Type	Project Name / Designation	From	То	Length (Mi.)	Work Description	Phase(s) Funded in TIP	Phase(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
ses fun	ded in TIP		Orange Co. Osceola Co.	Need Application	TSMO	Traffic Signal Coordination	Region wide			Coordinate traffic signal timing on various corridors	PE underway	CST	\$1,000,000	FY2023/24
v Project	ts for Next 5t	h Year	Seminole Co.											
, i i ojec	2	Safety	Osceola Co.	Need Application	TSMO	County Adaptive Travel Time System	Countywide			ITS Adaptive System Equipment West US 192 PedTrax		PE CST	\$ 100,000 \$ 1,000,000 \$ 1,100,000	FY2023/24
	3	Safety	Orange Co.	Need Application	TSMO	Rouse Rd.	at University Blvd.			Improve intersection		CST	\$ 1,001,017	FY2023/24
	4	Safety	Orange Co.	Need Application	TSMO	Town Center Blvd.	at Town Loop Blvd.			Improve intersection		CST	\$ 210,393	FY2023/24
	5	Safety	Orange Co.	4-P Ready	TSMO	Winter Garden Vineland Rd.	at Lake Sheen Reserve Blvd.			Improve intersection		PE CST	\$ 180,000 \$ 320,000 \$ 500,000	FY2023/24
	6	Safety	Orlando	Need Application	TSMO	Pedestrian Traffic Signals	throughout City of Orlando			ADA Traffic Signal System		PE CST	\$ 1,000,000 \$ 2,000,000 \$ 3,000,000	FY2023/24
	7	Safety	Orlando	Need Application	TSMO	Dowden Rd.	Lake District Ln./ Randal Park Blvd.	-		Install Fiber Optic Cable		PE CST	\$ 25,000 \$ 200,000 \$ 225,000	FY2023/24
	8	Safety	Orange Co.	Need Application	TSMO	Curry Ford Rd.	at Econlockhatchee Tr.			Improve intersection		<b>PE</b> CST	\$ 212,539 \$ 602,025 \$ 814,564	FY2023/24
	9	Safety	Orange Co.	4-P Ready	TSMO	Wyndham Lakes Blvd.	at Atherton Dr.			Improve Roundabout		PE CST	\$ 207,763 \$ 1,573,724 \$ 1,781,487	FY2023/24
	10	Safety	Seminole Co.	Need Application	TSMO	Red Bug Lake Rd.	Dodd Rd.	Tuskavilla Rd.	0.70	Extend Turn lanes		CST	\$ 750,000	FY2023/24
	11	Safety	Seminole Co.	Need Application	TSMO	CCTV Expansion	Countywide			Install CCTV at Several Intersections		PE CST	\$ 50,000 \$ 250,000 \$ 300,000	FY2023/24
	12	Safety	Orange Co.	Need Application	TSMO	CCTV Expansion	Countywide			Install CCTV at Several Intersections	***	PE CST	\$ 200,000 \$ 400,000 \$ 600,000	FY2023/24
	13	Safety/ Travel Time	Osceola Co.	Need Application	TSMO	Adaptive Signal System Osceola Parkway	Dyer Blvd.	Florida's Turnpike		Install an Adaptive Signal System	PE - FY 2018/19	CST	\$ 450,000	FY2023/24
	14		Orange Co.	Need Application	TSMO	Signal Cabinet Upgrades	Countywide			Upgrade 20 signal cabinets with UPS cabinets		CST	\$ 680,000	FY2023/24

# Multimodal System Projects - Transportation Systems Management & Operations

FDOT FM #	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	4-P Status	Project Type	Project Name / Designation	From	То	Length (Mi.)	Work Description	Phase(s) Funded in TIP	Phase(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
Other Multin		n Needs: TSMO												
	15		Orange Co.	Need Application	TSMO	Signal Upgrades	Countywide			Upgrade 100 signal controllers to Siemens ATC with communication switches	<del>-</del>	CST	\$ 3,100,000	
	16		Orange Co.	Need Application	TSMO	Bluetooth Expansion	Countywide			Install 200 Bluetooth readers		CST	\$ 1,880,000	
	17		LYNX	Need Application	TSMO	ITS / Customer Information System / Travel Planning	Region wide			Test upcoming transit technologies and real time transit dissemination applications		CST	\$ 500,000	
	18		Orlando	Need Application	TSMO	Downtown DMS Expansion and Upgrade	Downtown Orlando			Expansion and Upgrade Downtown DMS		CST	\$ 410,000	
	19		Osceola Co.	Need Application	TSMO	Osceola County ATMS Phase V	Countywide	Includes Osceola Pkwy. to I-4		Expansion of ATMS		CST	\$ 5,000,000	
	20		Orange Co. Orlando	Need Application	TSMO	Smart Corridor International Dr.	World Center Dr.	Oak Ridge Rd.		Smart Corridor Technologies		CST	\$ 1,000,000	
	21		Orlando	Need Application	TSMO	Adaptive Signal System Conroy Rd.	John Young Pkwy.	Vineland Rd.		Install an Adaptive Signal System		CST	\$ 357,000	
	22		Winter Park	Need Application	TSMO	Fiber Optic Extension Fairbanks Ave.	Clay St	1-4		Fiber Optic Expansion		CST	\$ 30,000	
	23		Orlando	Need Application	TSMO	Adaptive Signal System Princeton St.	Formosa Ave.	Alden Rd.		Install an Adaptive Signal System		CST	\$ 255,000	
	24		Orange Co.	Need Application	TSMO	Bicycle & Pedestrian Innovative ITS Pine Hills Rd.	TBD	TBD		Install bicycle and pedestrian ITS technologies		CST	\$ 100,000	
	25		Orange Co.	Need Application	TSMO	Adaptive Signal System John Young Pkwy.	Sand lake Rd.	Hunters Creek Blvd.		Install an Adaptive Signal System		CST	\$ 969,000	
	26		Orlando	Need Application	TSMO	Bluetooth Expansion	Citywide			Install Bluetooth readers and use DMS to post travel times		CST	\$ 94,000	
	27		Orlando	Need Application	TSMO	Adaptive Signal System Narcoossee Rd.	Goldenrod Rd.	SR 528		Install an Adaptive Signal System		CST	\$ 357,000	
	28		Orange Co. Orlando	Need Application	TSMO	Bicycle & Pedestrian Innovative ITS International Dr.	TBD	TBD		Install bicycle and pedestrian ITS technologies		Study CST	\$ 100,000 \$ 500,000 \$ 600,000	
	29		Osceola Co.	Need Application	TSMO	Osceola County ATMS Phase VI	Countywide	Includes St. Cloud		Expansion of ATMS		CST	\$ 5,000,000	

# Multimodal System Projects - Transportation Systems Management & Operations

FDOT FM #	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	4-P Status	Project Type	Project Name / Designation	From	То	Length (Mi.)	Work Description	Phase(s) Funded in TIP	Phase(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
Other Multi	imodal Syster	n Needs: TSMO, Co	ntinued											
	30		Orlando	Need Application	TSMO	Adaptive Signal System Lake Nona	Boggy Creek Rd.	SR 417		Install an Adaptive Signal System		CST	\$ 306,000	
	31		Orlando	Need Application	TSMO	Adaptive Signal System Universal Blvd.	International Dr.	Vineland Rd.		Install an Adaptive Signal System		CST	\$ 459,000	
	32		Orange Co.	Need Application	TSM0	Bicycle & Pedestrian Innovative ITS University of Central Florida	TBD	TBD		Install bicycle and pedestrian ITS technologies		Study CST	\$ 100,000 \$ 1,000,000 \$ 1,100,000	
	33		Osceola Co.	Need Application	TSM0	Adaptive Signal System Poinciana Pkwy.	US 17	Cypress Pkwy.		Install an Adaptive Signal System		CST	\$ 51,000	
	34		Seminole Co.	Need Application	TSMO	Signal Phase and Timing (SPaT) Services	Countywide			Development of traveler information systems		CST	\$ 100,000	
	35		Orlando	Need Application	TSMO	City of Orlando Parking Management	Citywide	-		Parking Management System		Study CST	\$ 100,000 \$ 1,000,000 \$ 1,100,000	
	36		Orlando	Need Application	TSMO	TMC & SunRail Coordination	Citywide			Automatic emergency / maintenance		Study	\$ 100,000	
	37		Orange Co.	Need Application	TSMO	International Dr.	Continental Gateway World Gateway	-		Median modifications and turn lanes		PD&E PE / ROW / CST	\$ 35,000 <u>TBD</u> \$ 35,000	

# Multimodal System Projects - Regional Trail & School Mobility Projects

FDOT FM #	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	4-P Status	Project Type	Project Name / Designation	From	То	Length (Mi.)	Work Description	Phase(s) Funded in TIP	Phase(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
Projects to c	lose gaps in	the Coast-to-Coast	Гrail											
		-	FDOT in Orange Co.		Regional Trail	Pine Hills Trail Phase 3	Clarcona-Ocoee Rd.	Orange/Seminole Co. Line	3.00	Shared Use Path	_	PE/ROW/CST	\$ 9,948,000	
		-	FDOT in Orange Co.		Regional Trail	Clarcona-Ocoee Trail	Pine Hills Trail	Hiawassee Rd.	1.50	Shared Use Path	Partial CST 2020/21	PE/ROW/CST	\$ 4,371,600	
Safe Routes	to Schools	/ School Mobility												
			Osceola Co.	Submitted to FDOT SRTS	SRTS	Buenaventura Blvd.	Simpson Rd	Florida Pkwy. North	0.72	Bicycle & Pedestrian Improvements	PE - FY 2018/19	CST	\$ 1,950,000	
			Osceola Co.	Submitted to FDOT SRTS	SRTS	Neptune Middle School Trail	Ames Haven Road	Tohoqua Blvd	0.36	Shared Use Path		PE CST	\$ 28,000 \$ 301,000 \$ 329,000	
Phases fund	led in TIP										<u>.</u>			
	1	Regional Trail Gap	Orange Co.	4-P Ready		Little Econ Trail Phase 3	Forsyth Rd.	SR 436	1.07	Shared Use Path with overpass at SR 436	PE - FY 2018/19	CST	\$ 2,500,000	FY2023/24
	2	Regional Trail Gap	Seminole Co	4-P Ready		Lake Monroe Loop	along Mellonville Ave. & Celery	Rd.	3.60	Shared Use Path	PE - FY 2020/21	CST	\$ 2,850,000	FY2023/24
	3	Regional Trail Gap	Osceola Co.	4-P Ready		Kissimmee-St. Cloud Connector	along C-Gate Canal from Neptu to East Lake Shore Blvd.	ne Rd.	1.39	Shared Use Path	PE - FY 2019/20	CST	\$ 919,908	FY2023/24
New Project	s for Next 51	th Year												
	4	Regional Trail Gap	Maitland	Need Application		Sandspur - East West Connector	Wymore Rd	Maitland Avenue	1.40	Shared Use Path	PE - FY 2017/18	CST	\$ 375,000	FY2023/24
	5	Regional Trail Gap	Orlando	Need Application		Shingle Creek / Kirkman Trail	Old Winter Garden Rd	Raleigh St	0.70	Shared Use Path	_	CST	\$ 2,000,000	FY2023/24
	6	Regional Trail Gap	Orange Co.	4-P Ready		Pine Hills Trail Phase 2	Silver Star Rd.	Clarcona-Ocoee Rd	2.30	Shared Use Path		PE CST	\$ 500,000 \$ 1,000,000 \$ 1,500,000	FY2023/24
4412301-1	7	Regional Trail Gap	Orlando	4-P Ready		East/West Trail Connector	Orange Ave.	Lake Underhill Path	2.40	Shared Use Path		PE CST	\$ 495,000 \$ 3,800,000 \$ 4,295,000	FY2023/24
	8	Regional Trail Gap	Winter Park	4-P Ready		Church Trail	Lakemont Ave.	Perth Ln.	0.24	Shared Use Path		CST	\$ 92,423	FY2023/24
										Tota	I to Complete TIP Projects	and Next 5th Year =	\$ 9,732,331	

# Multimodal System Projects - Regional Trail & School Mobility Projects

FDOT FM #	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	4-P Status	Project Type	Project Name / Designation	From	То	Length (Mi.)	Work Description	Phase(s) Funded in TIP	Phase(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
Other Regio	nal Trail Pro	niects				-								
	9a		Kissimmee	Need Application		Shingle Creek Trail Phase 2b South	Yates Connector			Shared Use Path	PE 2016/17	CST	\$ 7,782,168	
	9b		Kissimmee	Need Application		Shingle Creek Trail Phase 2c North	Osceola Pkwy.			Shared Use Path	PE 2016/17	CST	\$ 8,000,000	
	9c		Kissimmee	Need Application		Shingle Creek Trail Phase 2d North	Bridge over Osceola Pkwy.			Shared Use Path	PE 2016/17	CST	\$ 10,599,768	
	9d		Orange Co.	4-P Ready		Shingle Creek Trail Phase 4	Alhambra Dr.	Old Winter Garden Rd.	1.25	Shared Use Path		PE ROW / CST	\$ 584,664 \$ 3,645,021 \$ 4,229,685	
	10	Regional Trail Gap	Orange Co.	4-P Ready		West Orange Trail Phase 4	Rock Springs Rd. Welch Rd. Intersection	Kelly Park & Wekiva Springs State Park	6.80	Shared Use Path		PE CST	\$ 500,000 \$ 3,500,000 \$ 4,000,000	
	11		Orlando	Need Application		Orlando Southeast Trail	Medical City Area		1.40	Shared Use Path		PE CST	\$ 250,000 \$ 2,750,000 \$ 3,000,000	
	12		Casselberry	4-P Ready		Central Casselberry Connectivity Improvements	Hibiscus Rd. at SR 436	Marigold Rd. at S. Winter Park Dr.	1.02	Shared Use Path		CST	\$ 1,728,900	
	13		Kissimmee	4-P Ready		Toho Valencia Trail Bridge	US 192	South side of US 192	0.13	Shared Use Path Bridge		PE CST	\$ 290,190 \$ 10,000,000 \$ 10,290,190	
	14		Altamonte Springs	Need Application		Altamonte Springs East-West Trail Connector	Seminole Wekiva Trail at Sanlando Park	Altamonte Springs SunRail Station	3.10	Shared Use Path		CST	\$ 4,000,000	
	15		Orange Co.	4-P Ready		Horizons West Trail	Horizons West Regional Park/Tiny Rd.	West Orange Park/ Windermere Rd.	7.44	Shared Use Path		PE CST	\$ 1,142,627 \$ 4,500,000 \$ 5,642,627	
	16		Seminole Co.	4-P Ready		EE Williamson Rd Trail/ Longwood Hills Sidewalk	Existing Seminole / Wekiva Trail	CR 427 (Ronald Regan Blvd.)	2.44	Shared Use Path & Sidewalk		CST	\$ 2,399,168	
	17		Kissimmee	Need Application		Downtown Kissimmee Path Connector	US 192	Martin Luther King Blvd.	0.45	Shared Use Path		PE CST	\$ 47,500 \$ 100,000 \$ 147,500	
	18		Kissimmee	Need Application		Emory Canal Trail South	John Young Pkwy.	Shingle Creek Trail	0.40	Shared Use Path		PE CST	\$ 50,000 \$ 150,000 \$ 200,000	
	19		Kissimmee	4-P Ready		Carroll St. Bicycle/Pedestrian Improvement Plan	Donegan Ave.	Thacker Ave.	1.50	Shared Use Path		PE CST	\$ 500,000 \$ 3,500,000 \$ 4,000,000	
	20		Osceola Co.	4-P Ready		NeoCity Trail Loop	Neptune Rd.	US 192	3.80	Shared Use Path/Sidewalk		CST	\$ 1,187,300	
	21		Casselberry	Need Application		Ascension Trail	Ascension Dr.	Integra Lakes Ln.	0.40	Shared Use Path		CST	\$ 540,000	
	22		Altamonte Springs	Need Application		SR 436 East Pedestrian Underpass	SR 434	North St.	0.80	Shared Use Path Underpass		PE CST	\$ 600,000 \$ 7,000,000 \$ 7,600,000	
	23	-	Casselberry	Need Application		Kewannee Trail Ext.	Cassel Creek Blvd.	Derbyshire Rd.	0.30	Shared Use Path	_	CST	\$ 450,000	
	24		Casselberry	Need Application		North Winter Park Drive Trail	N. Triplet Lake Dr.	N. Winter Park Dr.	1.00	Shared Use Path	-	CST	\$ 1,125,000	
	25		Seminole Co.	Need Application		Seminole Wekiva Trail Overpasses	SR 434 & SR 436		-	Shared Use Path Bridges		PE ROW / CST	\$ 2,000,000 \$ 19,500,000 \$ 21,500,000	

# Multimodal System - TRIP Candidates

FDOT FM #	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	4-P Status	Project Type	Project Name / Designation	From	То	Length (Mi.)	Work Description	Phase(s) Funded in TIP	Phase(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
ransportat	ion Regional	Incentive Program	(TRIP) Candidate F	Projects										
	1		Orange Co.	Need Application		Boggy Creek Rd.	CR 530/Simpson Rd.	SR 417	1.50	Widen to 4 Lanes	-	ROW CST	\$5,600,000 \$9,500,000 \$15,100,000	
	2		Osceola Co.	Need Application		Neptune Rd.	Partin Settlement Rd.	US 192/441	3.96	Widen to 4 Lanes	-	CST	\$59,180,000	
	3		Orange Co.	Need Application		CR 438A/Kennedy Blvd.	SR 434/Forest City Rd.	Wymore Rd.	1.80	Widen to 4 Lanes	-	ROW CST	\$12,000,000 \$15,000,000 \$27,000,000	
	4		Orlando	4-P Ready		President Barack Obama Pkwy. Phase 2	Metrowest Blvd.	Raleigh St.	0.80	New 4-Lane Divided Roadway	-	PE CST	\$1,895,000 <u>\$12,308,066</u> \$14,203,066	
	5a		Osceola Co.	Need Application		CR 530/Simpson Rd.	US 192	Fortune Rd.	1.25	Widen to 4 Lanes	-	ROW/CST	\$14,700,000	
	5b		Osceola Co.	Need Application		CR 530/Simpson Rd.	Hilliard Isle Rd.	Osceola Pkwy. (Myers Rd.)	1.40	Widen to 4 Lanes	-	PD&E/PE/ ROW/CST	\$750,000 <b>(PD&amp;E)</b>	
	6		Orlando	Need Application		Econlockhatchee Tr.	Dowden Rd.	Curry Ford Rd.		Widen to 4 Lanes		PE <u>CST</u>	\$1,250,000 <u>\$14,600,000</u>	
	7		Orange Co.	Need Application		Hamlin Rd. Extension	New Independence Pkwy.	Tiny Rd.		New 4-Lane Road	-	PE/ROW/CST	\$8,000,000	
	8		Lake Mary	Need Application		Rinehart Rd.	W Lake Mary Blvd.	CR 46A	2.08	Intersection Improvements	-	PE/CST	TBD	
	9		Orlando	Need Application		Boggy Creek Rd.	SR 417	Jetport Dr.	6.90	Widen to 4 Lanes	PE FY 21/22	PE ROW / CST	\$1,200,000 <u>\$40,000,000</u> \$41,200,000	
	10		Seminole Co.	Need Application		New Oxford Rd.	US 17/92 at Prairie Lake Dr.	SR 436 at Oxford Rd.	0.70	Reconstruction & Extension	-	PE/ROW/CST	\$11,814,218	
	11		Orlando	Need Application		President Barack Obama Pkwy. Phase 3	Raleigh St.	Old Winter Garden Rd.	1.10	New 4-Lane Divided Roadway		PE <u>CST</u>	\$2,606,000 <u>\$16,895,000</u> \$19,501,000	
	12		Orlando	Need Application		Innovation Way North/ Dowden Rd. Extension	SR 417	SR 528 Interchange	3.20	New 4-Lane Roadway	-	CST	\$34,170,000	
	13		Seminole Co.	Need Application		CR 46A	Orange Blvd.	Cherry Laurel Dr.	1.07	Widen to 6 Lanes	-	PE / CST	\$10,000,000	
	14		Osceola Co.	Need Application		CR 534/Hickory Tree Rd.	Hunting Lodge Rd.	US 192	5.10	Widen to 4 Lanes	-	PD & E PE / ROW / CST	\$750,000 <b>(PD&amp;E)</b>	
	15		Orange Co.	Need Application		CR 527/Orange Ave.	Orange/Osceola Co. Line	Florida's Turnpike Bridge	0.69	Widen to 4 Lanes	-	PD & E PE / ROW / CST	TBD	

# MetroPlan Orlando Prioritized Project List <u>Transit Projects</u>

FDOT FM #	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	4-P Status	TDP / DDR Consistent	Project Name / Designation	Project Description	Funding Type	Phase(s) Funded in TIP	Phase(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
Transit Ass	ets. Improve	ements & Technolog	V									
	1		LYNX	Need Application	Yes / No	Lynx System Expansion / Enhancements	Projects that support the Long Range Transportation Plan Goals	SU	Bus Replacement For increased Frequencies	Capital for New Routes Capital for Enhancements	\$7,000,000	FY 2023/24
	2		LYNX	Need Application	Yes / No	Automatic Passenger Count (APC) on all buses	Acquisition and installation of Automatic Passenger Counters for legacy fleet vehicles that do not have the units. All new buses are procured with APC units, but approximately 40 percent of the legacy fleet does not. This would provide automated ridership counting for all routes and remove the need for manual route sampling to meet reporting requirements. 120 buses do not have APC. (120 x \$9,529.00 each)	SU		Purchase & Installation	\$1,143,070	
	2		LYNX	Need Application	Yes / No	Operating Assistance	Fixed Route operating and ADA cost. Includes SunRail feeder service.	FTA Sec.5307 DU Sec. 5311 DS/Local/OSR		Operating / ADA	\$137,816,000	
	3		LYNX	Need Application	Yes / No	Capital Cost of Contracting	Federal assistance for the capital costs of contracting with private providers for demand-response and PickUpLine service.	FTA Sec. 5307			\$2,000,000	
	4		LYNX	Need Application	Yes / No	Seniors / Individuals with Disabilities Program	Enhanced mobility projects for the special needs of transit dependent populations beyond traditional public transportation and ADA complementary paratransit services.	FTA Sec. 5310 FDOT/Local			\$2,000,000	
	5	_	LYNX	Need Application	Yes / No	Purchase Transit Coaches	New buses for replacement of retired buses and service expansion. Includes 60-foot buses.	FTA Sec. 5307/5339 Local		_	\$16,358,000	
	6		LYNX	Need Application	Yes / No	Purchase Commuter Vans	New vans for replacement of retired vans and service expansion.	FTA Sec. 5307/5339 Local			\$1,335,000	
	7		LYNX	Need Application	Yes / No	Facility Improvements / Equipment	Capital expenditures for upgrades to operating and administrative facilities. This includes the cost of depreciation of vehicles and maintenance facilities provided by private contractors for public transportation service during the contract period.	FTA/Local			\$2,500,000	
	8		LYNX	Need Application	Yes / No	Capital Maintenance and Support Equipment	Associated support equipment needed to service and maintain the bus fleet.	FTA, FDOT, Local			\$16,250,000	
	9		LYNX	Need Application	Yes / No	Passenger Amenities	Shelters, signs, benches, trash receptacles and kiosks throughout the region.	FTA/Local/Private			\$2,000,000	
	10		LYNX	Need Application	Yes / No	SunRail Essential Buses	Commuter buses essential to support access to SunRail (within 3 miles of SunRail stations). These are replacement buses needed beyond what will be funded by SunRail.	FTA/FDOT/Local	_		\$11,039,000	
	11		LYNX	Need Application	Yes / No	Marketing & Consumer Information	Expanded customer information and marketing of transit services.	FTA Sec. 5307 Local/Private			\$500,000	
	12		LYNX	Need Application	Yes / No	Intelligent Transportation Systems Customer Information Systems Travel Planning	Continued implementation of capital equipment and software to support and implement new ITS initiatives.	FTA/FDOT/Local/Private			\$3,250,000	
	13		LYNX	Need Application	Yes / No	Transit Centers / Super Stops	Facilities to accommodate cross town bus routes and connection points for local and regional service.	FTA 5307/5339 FDOT, LF			\$2,063,000	
	14		LYNX	Need Application	Yes / No	Third Operating Base (Southern)	Costs related to construction of satellite operating and maintenance base in the southern part of LYNX's service area.	FTA Sec. 5339 Local			\$15,000,000	
	15		LYNX	Need Application	Yes / No	Fourth Operating Base	Costs related to construction of satellite operating and maintenance base in the northern part of LYNX's service area.	FTA Sec. 5339 Local	-		\$15,000,000	
	16		LYNX	Need Application	Yes / No	Livable / Sustainable Development Support	Facility and customer enhancements and innovative services customized to address activity center needs. Projects to be determined.	FTA Sec. 5309			\$500,000	

# MetroPlan Orlando Prioritized Project List <u>Transit Projects</u>

FDOT FM#	MPO Priority #	Performance Measure(s)	Project Jurisdiction(s)	4-P Status	TDP / DDR Consistent	Project Name / Designation	Project Description	Consistent with TDP & DDR Policy	Phase(s) Funded in TIP	Phase(s) Unfunded	Est. Cost of Next Phase	Est. Year of Next Phase
Category A	: Premium Tı	ransit										
	1		LYNX	Need Application	Yes / Yes	SunRail Phase 3	Project Development, Design & Construction for Rail connection from the SunRail  Main Line south of the Sand Lake Road station to OIA.	FTA/FDOT/Local	-	PD / PE / CST Operating	\$225,000,000	
	2		LYNX	Need Application	Yes / TBD	OIA Connector	BRT from Orlando International Airport to the Convention Center.  PD&E funded in FY 2017/18.	FTA/FDOT/Local		PD / PE / CST Operating	\$227,000,000	
	3	_	LYNX	Need Application	Yes / Yes	US 192 Corridor	Project Development, Design & Construction for BRT on US 192 from US 27 to US 441. Project development funded in FY 2017/18.	FTA/FDOT/Local		PD / PE / CST Operating	\$135,600,000	
	4		LYNX	Need Application	Yes / Yes	State Road 50 Corridor	Project Development, Design & Construction for BRT on SR 50 from Powers Drive to Goldenrod Rd & Express Bus system from Downtown Orlando to UCF.  Alternative Analysis with a selected LPA was adopted in March 2015.	FTA, FDOT, LF		PD / PE / CST Operating	\$40,860,000	
	5		LYNX	Need Application	Yes / Yes	Downtown Orlando	Project Development, Design & Construction for North/South expansion of the LYMMO system in downtown Orlando. LPA adopted in 2012.	FTA/FDOT/Local	-	Capital / Operating	TBD	
	6		Alt Springs Casselberry Longwood Maitland	Need Application	Yes / Yes	ITS Enhanced Transit	Capital & operation of expansion of ITS enhanced transit service within the 4-city service area.	FTA/FDOT/Local		Capital / Operating	TBD	
Category B	: Feasibility	Studies										
	1	-	LYNX	Need Application	Yes / TBD	SR 436 Corridor Premium Transit/ Complete Streets	Feasibility study of potential forms of mobility (i.e., BRT, LRT, etc.) in the SR 436 corridor from SR 434 to Orlando International Airport.	FDOT/Local	Planning - FY 2017/18	PD / PE / CST Operating	\$1,250,000	
	2		LYNX	Need Application	Yes / TBD	Innovation Way Corridor	Corridor Study of the proposed leg of an enhanced transit system from International Drive to the Innovation Way/Lake Nona/Medical City/Osceola Co.  NE District corridor	FDOT/FTA/Local/Private	-	Study PD / PE / CST Operating	TBD	
	3		Orange Co.	Need Application	Yes / TBD	Circulator System Study	Study to evaluate potential technologies that can be utilized in implementing a circulator transportation system in the vicinity of the Orange Co. Convention Center.	FTA/Local/ Private		Study PD / PE / CST Operating	TBD	
	4	1	Orange Co.	Need Application	Yes / TBD	I-Drive Area Fixed Transit	Study to evaluate potential technologies that can be utilized in implementing a Fixed Route Transit on International Drive.	FTA/Local/ Private		Study PD / PE / CST Operating	TBD	
	5		Orange Co.	Need Application	Yes / No	I-Drive Area Intermodal Station	Corridor Study of the proposed leg of an enhanced transit system from International Drive to the Innovation Way/Lake Nona/Medical City/Osceola Co.  NE District corridor	FTA/FDOT/Local		Study PE / CST	\$500,000 \$15,000,000	
Category C	: Enhanceme	ents to Existing Syst	em & New Service	•								
	1		Kissimmee	Need Application	Yes / No	Kissimmee Transit Circulator	Local bus circulator connecting major employment centers to Downtown Kissimmee and SunRail.	FDOT/Local		Capital / Operating	TBD	
	2		LYNX	Need Application	Yes / No	Bus Expansion Operational COA Enhancements	Capital funds for additional vehicles to improve fixed route transit services as determined by the LYNX Comprehensive Operational Analysis.	FTA/FDOT/Local		Capital for Vehicles	\$51,500,000	
	3		LYNX	Need Application	Yes / No	Corridor Express Service	Expanded bus service along major corridors in the region. The corridors to be determined by LYNX Comprehensive Operations Analysis.	FTA/FDOT/Local		Capital / Operating	\$1,600,000	