

LANDSCAPE WORK PROGRAM

PROGRAMMATIC CONSIDERATIONS

Like many programs within FDOT, cost and budget are major factors that help to determine which landscape projects should be developed. Policy dictates that 1.5% of the roadway development program be allocated to the purchase of large plant material on a yearly basis.

To achieve balance, FTE has created a system for ranking potential landscape projects across all three regions (North, South and West). The hierarchy created as part of FTE's approach places the highest priority and budgets on those areas with the greatest traffic volumes and maximum opportunities for attracting business and tourism.



PROJECT RANKING CRITERIA

FTE has developed a system of project prioritization which informs the development of the five (5) year work program. Project sites are ranked in accordance with their volume of traffic, proximity to major commercial, cultural or recreational features, level of existing landscape treatments and other factors. Each year the work program will be updated to address completed projects, changing demographics or system needs.

The Landscape Master Plan Ranking Spreadsheet is a planning tool that is used to assist in organizing and prioritizing interchanges on the system for the upcoming fiscal year(s). The categories in which the interchanges are scored are described as follows:

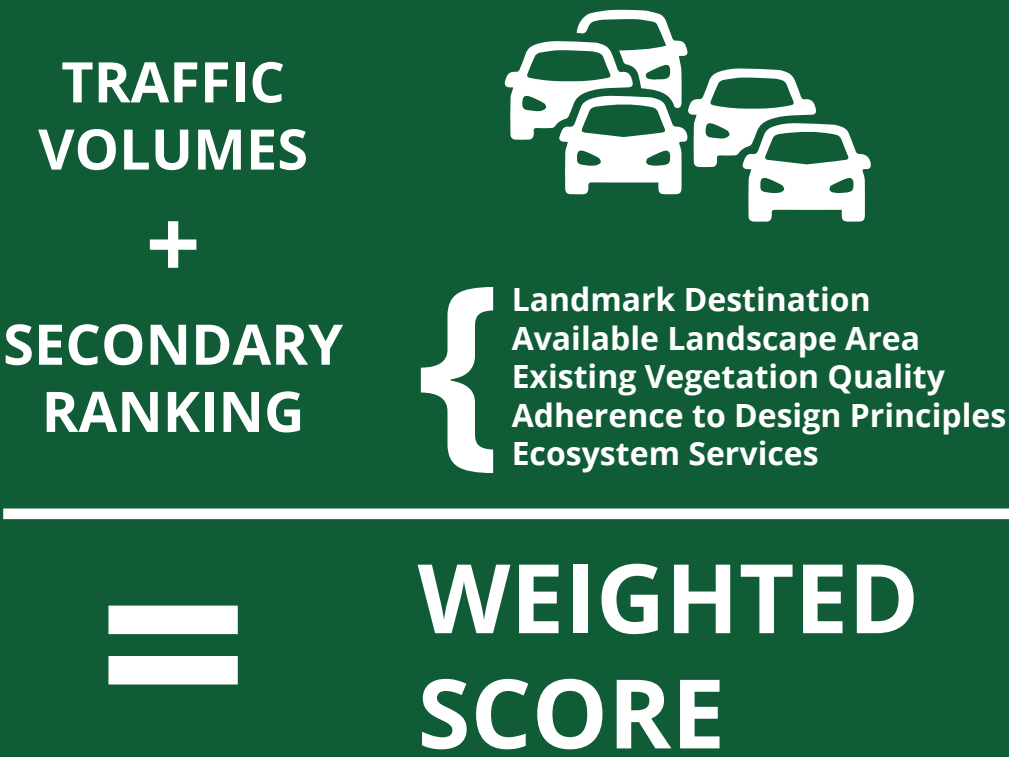
Traffic Volumes Ranking: The primary ranking utilizes traffic volume count in increments of 25,000 into a representative numerical score with the most highly traveled interchanges given priority.

Secondary Ranking: The top scoring projects from the Primary screen are further analyzed in accordance with the following values to determine eligible projects for the Five (5) year Tentative Work Plan:

- » Landmark Destination
- » Available Landscape Area
- » Existing Vegetation Quality
- » Adherence to Design Principles
- » Ecosystem Services

A weighted numerical score is assigned to each ranking category for an interchange. The interchange with the highest scores in the region are considered for further investigation based on interchange design and construction completion dates. The further investigation is based on reported projects associated with the interchange and final selection of the interchanges are based on the professional judgment of the District Landscape Architect and presented to Management for approval. The majority of landscape projects for FTE occur at interchanges. The occasional mainline roadside plantings can be addressed in association with an interchange project. There are also eight (8) rest areas which will be programmed independently.

PROJECT RANKING CRITERIA



RANKING SPREADSHEET MATRIX

Primary Ranking					Secondary Ranking											
Traffic Volumes Rank		Construction Complete Ranking		Primary Ranking Score	Landmark Destination		Available LS Opportunity		Existing Vegetation Quality		LS Redesign		Ecosystem Services		Secondary Ranking Score	
Score	Description	Score	Description	Description	Score	Description	Score	Description	Score	Description	Score	Description	Score	Description	Description	
1	0 ≤ 25,000	10	0 ≤ 1	The higher the number in relation to the data set, the higher priority the interchange is. There is not set maximum or minimum values nor is the priority based on set data ranges. The numbers displayed in the column are used to order the interchanged based on the primary ranking criteria.	2	Low Population Local (< 30,000 persons)	1	0-25% LS Area Available	0	Excellent (high hierarchy to 'planted' and/or native landscape, healthy plant material, no cleanup needed.	0	No Redesign			Similar to Primary Ranking, the higher the number is in this column to the rest of the numbers in this column the higher priority the interchange is. This should not be compared to the primary score in relation to each other. It is a secondary ranking system that builds on the primary ranking system.	
2	25,000 ≤ 50,000	8	1 ≤ 2		4	Moderate Population Local (30,000 < > 60,000 persons)	2	25%-50% LS Area Available	1	Good (medium hierarchy to 'planted' and or native landscape, supplemental plantings would fill-in/strengthen design, healthy plant material, low level of cleanup needed)	5	Yes Redesign				
3	50,000 ≤ 75,000	4	2 ≤ 3		6	High Population Local (> 60,000)	3	50%-75% LS Area Available	2	Average (low hierarchy to 'planted' and/or native landscape, mixture of healthy/unhealthy/dead plant material, medium level of cleanup needed)						
4	75,000 ≤ 100,000	2	3 ≤ 4		8	Regional: Hospital, Mall	4	75%-100% LS Area Available	3	Fair (no hierarchy to 'planted' and/or native landscape, more unhealthy/dead plant material than healthy, medium-high level of cleanup needed)						
5	100,000 ≤ 125,000	1	4 ≤ 5		10	National: Major Tourist Destination			4	Poor (no hierarchy to planted and/or native landscape, majority plant material is dead, dying or damaged, high level of cleanup needed)						
6	125,000 ≤ 150,000	6	5+		Description: Landmark Destination refers to the typical destination type associated with an interchange. The descriptions used to describe the ranking category are merely suggestions and are not all inclusive. If the interchange is one of the only interchanges to reach a specific destination, then the appropriate ranking would be assigned to that intersection regardless of the distance of the destination.			5	Little to no landscape							
7	150,000 ≤ 175,000	Description: Construction Completion Year Ranking converts the construction completion year into a bracketed ranking. It is assumed that anything under a year will be completed before the landscape design will be let.								Description: The existing vegetation quality refers to the type of vegetation at the site without regards to design quality.		Description: This ranking refers to how the existing landscape needs to be redesigned.				
8	175,000 ≤ 200,000															
9	200,000 ≤ 225,000															
10	225,000 ≤ 250,000															
Description: Traffic Volumes Ranking converts that total Traffic Volume into a bracketed ranking.							Description: The Available Landscape Opportunity ranking is related to the percentage of the plantable area of the interchange that is available for Landscaping. This includes areas that do not have landscape, either natural or planted, but does not include scrub vegetation.									

LANDSCAPE WORK PROGRAM

The District Landscape Architect’s office manages the design, permitting, and implementation of landscape projects for over 480 miles of roadway. Learn how the program prioritizes projects and develops its five (5) year work program in this section.

ADOPTED FIVE-YEAR WORK PROGRAM

The adopted program begins with the current fiscal year and also includes the next four fiscal years.



WORK PROGRAM ANNUAL UPDATE

During annual update planning, fiscal year 1 is dropped. A new fiscal year 5 is added after the previous four years. The new five-year plan must be adopted by the secretary of transportation by July 1.



TENTATIVE FIVE-YEAR WORK PROGRAM

This plan outlines future system improvements for the next five fiscal years following the current fiscal year.



ADOPTED 5-YEAR LANDSCAPE WORK PROGRAM

ItemSeg	Ph	Sq	Sys	Description	Estimated	Committed	Notes
FY 2020							
190778-5	52	25		Unknown Zone 1 planting		\$400,000	
190778-5	52	67		Wildflowers		\$200,000	
190778-5	52	67		Maintenance		\$3,877,420	
190778-5	52	23		Suntrax Aesthetics		\$7,000,000	
190778-5	52	19		Port St Lucie Slope Planting		\$474,142	
TOTAL FY 2020						\$11,951,562	
FY 2021							
190778-5	52	67		Wildflowers	\$200,000		
190778-5	52	67		Maintenance	\$3,877,420		
427146-5	52	01		Bird Road Improvements W SR 821 HEFT MP - 23 Roadway Project Relocations	\$10,260		
190778-5	52	16		SR 528 Beachline Landscape Phase 1	\$2,631,128		
190778-5	52	18		Silverthorn Community Landscape Buffers	\$500,000		
TOTAL FY 2021					\$7,218,808		
FY 2022							
190778-5	52	67		Wildflowers	\$200,000		
190778-5	52	67		Maintenance	\$3,877,420		
190778-5	52	26		Beachline Landscape Phase 2	\$1,500,000		
190778-5	52	24		Suntrax Infield Landscape and Hardscape	\$1,000,000		
435461-1	52			Widen Sawgrass - Relocations N. of Atlantic to SR 7	\$2,000,000		
406143-7	52			TPK Relocations - WPB Service Plaza to Okeechobee Blvd.	\$483,228		
190778-5	52	15		Ft Pierce Service Plaza Landscape	\$1,200,000		
190778-5	52	20		SC PKWY SR 589-SR 52 Interchange/SC Ops Bldg	\$1,500,000		
190778-5	52	27		TPK SR 429/SR 50 Interchange Ph 3	\$2,350,000		
TOTAL FY 2022					\$14,110,648		
FY 2023							
190778-5	52	67		Wildflowers	\$200,000		
190778-5	52	67		Maintenance	\$3,565,000		
190778-5	52	21		TPK Boynton Beach Blvd Interchange	\$1,500,000		
190778-5	52	30		HEFT 3 Don Shula Pkwy MP 17 N. of Coral Reef	\$1,250,000		
190778-5	52	28		SR 429 US 192 MP 6	\$2,750,000		
190778-5	52	29		HEFT MP 12 to 12.7 Caribbean Blvd/SW 21st	\$1,200,000		
190778-5	52	31		HEFT Bird Road MP 23	\$1,200,000		
190778-5	52	32		HEFT Tamiami Trail MP 25	\$2,998,390		
190778-5	52	33		Braddock Road Roundabouts	\$200,000		
437300-9	52	34		Suntrax Visual Barrier LS and Irrigation	\$500,000		
190778-5	52			Sawgrass Relocations MP 8-18	\$1,000,000		
TOTAL FY 2023					\$16,363,390		
FY 2024							
190778-5	52	67		Wildflowers	\$250,000		
190778-5	52	67		Maintenance	\$3,827,425		
190778-5	52	35		Coral Reef Dr. (SW 152nd St) MP 16	\$1,200,000		
190778-5	52	36		HEFT 8 Quail Roost and Eureka Drive MP 13- MP 15	\$1,800,000		
190778-5	52	37		Snapper Creek Service Plaza	\$2,000,000		
190778-5	52	38		HEFT Kendall Drive N. of 104th St. to MP 21	\$1,200,000		
190778-5	52	39		SC PKY MP 19 -SR 54	\$1,200,000		
190778-5	52	40		TPK Orlando South Taft Vineland to N. of MP 257	\$2,800,000		
TOTAL FY 2024					\$14,277,425		

TENTATIVE 5-YEAR LANDSCAPE WORK PROGRAM

ItemSeg	Ph	Sq	Sys	Description	Estimated	Committed	Notes
FY 2021							
190778-5	52	67		Wildflowers	\$200,000		
190778-5	52	67		Maintenance	\$3,877,420		
427146-5	52	01		Bird Road Improvements W SR 821 HEFT MP - 23 Roadway Project Relocations	\$10,260		
190778-5	52	16		SR 528 Beachline Landscape Phase 1	\$2,631,128		
190778-5	52	18		Silverthorn Community Landscape Buffers	\$500,000		
TOTAL FY 2021					\$7,218,808		
FY 2022							
190778-5	52	67		Wildflowers	\$200,000		
190778-5	52	67		Maintenance	\$3,877,420		
190778-5	52	26		Beachline Landscape Phase 2	\$1,500,000		
190778-5	52	24		Suntrax Infield Landscape and Hardscape	\$1,000,000		
435461-1	52			Widen Sawgrass - Relocations N. of Atlantic to SR 7	\$2,000,000		
406143-7	52			TPK Relocations - WPB Service Plaza to Okeechobee Blvd.	\$483,228		
190778-5	52	15		Ft Pierce Service Plaza Landscape	\$1,200,000		
190778-5	52	20		SC PKWY SR 589-SR 52 Interchange/SC Ops Bldg	\$1,500,000		
190778-5	52	27		TPK SR 429/SR 50 Interchange Ph 3	\$2,350,000		
TOTAL FY 2022					\$14,110,648		
FY 2023							
190778-5	52	67		Wildflowers	\$200,000		
190778-5	52	67		Maintenance	\$3,565,000		
190778-5	52	21		TPK Boynton Beach Blvd Interchange	\$1,500,000		
190778-5	52	30		HEFT 3 Don Shula Pkwy MP 17 N. of Coral Reef	\$1,250,000		
190778-5	52	28		SR 429 US 192 MP 6	\$2,750,000		
190778-5	52	29		HEFT MP 12 to 12.7 Caribbean Blvd/SW 21st	\$1,200,000		
190778-5	52	31		HEFT Bird Road MP 23	\$1,200,000		
190778-5	52	32		HEFT Tamiami Trail MP 25	\$2,998,390		
190778-5	52	33		Braddock Road Roundabouts	\$200,000		
437300-9	52	34		Suntrax Visual Barrier LS and Irrigation	\$500,000		
190778-5	52			Sawgrass Relocations MP 8-18	\$1,000,000		
TOTAL FY 2023					\$16,363,390		
FY 2024							
190778-5	52	67		Wildflowers	\$250,000		
190778-5	52	67		Maintenance	\$3,827,425		
190778-5	52	35		Coral Reef Dr. (SW 152nd St) MP 16	\$1,200,000		
190778-5	52	36		HEFT 8 Quail Roost and Eureka Drive MP 13- MP 15	\$1,800,000		
190778-5	52	37		Snapper Creek Service Plaza	\$2,000,000		
190778-5	52	38		HEFT Kendall Drive N. of 104th St. to MP 21	\$1,200,000		
190778-5	52	39		SC PKY MP 19 -SR 54	\$1,200,000		
190778-5	52	40		TPK Orlando South Taft Vineland to N. of MP 257	\$2,800,000		
TOTAL FY 2024					\$14,277,425		
FY 2025							
190778-5	52	67		Wildflowers	\$250,000		
190778-5	52	67		Maintenance	\$3,827,425		
190778-5	52	41		TPK MP 257 to MP 261 I-4	\$2,000,000		
190778-5	52	42		SC PKY MP 54 - MP 56 US 98	\$1,200,000		
190778-5	52	43		Landscaping at US 17/92 at TPK Mainline	\$1,200,000		
TOTAL FY 2025					\$8,477,425		