



Florida Department of  
Transportation District Six

## **Landscape Project**

**SR 5/US-1 from Ponce de Leon Boulevard to SW 37  
Avenue/Douglas Road**

**Project Identification Number: 433455-5-52-01**

Presented by: Fabiana Gonzalez-Batista, P.E.

February 26, 2019

# SR-5/US-1 Landscape Project



US-1 from Ponce de Leon to Douglas Rd



US-1 at Riviera Drive

## **US-1 Safety Project (FPID 433455-1)**

### Scope

- Reduce traffic fatalities and serious injuries along US-1
- Roadway realignment to correct reverse curves
- Removal/relocation of existing trees within the median

### Schedule

- Construction begin - November 2018
- Construction complete - December 2019



# SR-5/US-1 Landscape Project

## US-1 Landscape Project (FPID 433455-5)

### Scope

- Installation of Royal Palms along the median

### Schedule

- Construction begin - December 2019
- Construction complete - May 2020

### Budget

- \$286,042
  - includes Mobilization, Maintenance of Traffic, and initial contingency

<b>US-1 Landscape Project</b>			
	<b># of Royal Palms in Median</b>	<b>Construction Status</b>	<b>FDOT FPID</b>
Existing Royal Palms	45		
Royal Palms Relocated to Biltmore	16	Completed	433455-1 (Safety Project)
Proposed (New) Royal Palms	21	Start Dec. 2019	433455-5 (Landscape Standalone)

# SR-5/US-1 Landscape Project



Red Velvet  
*Aerva Sanguinolenta*



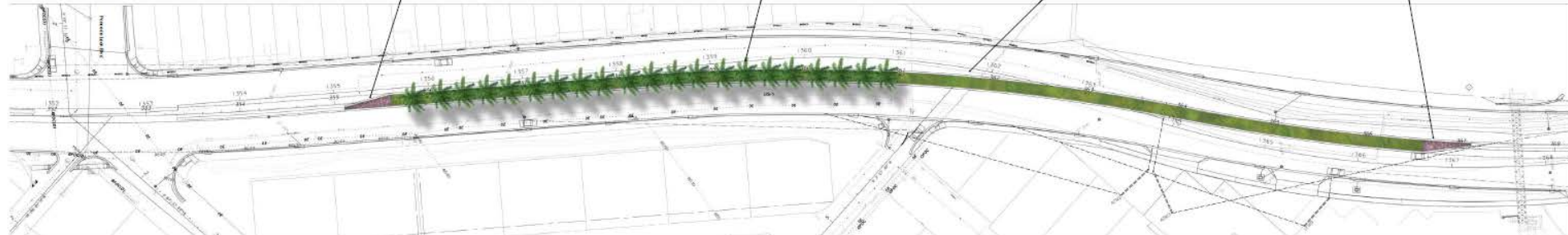
Royal Palm  
*Roystonea regia*



Fakahatchee Grass  
*Floridanum*

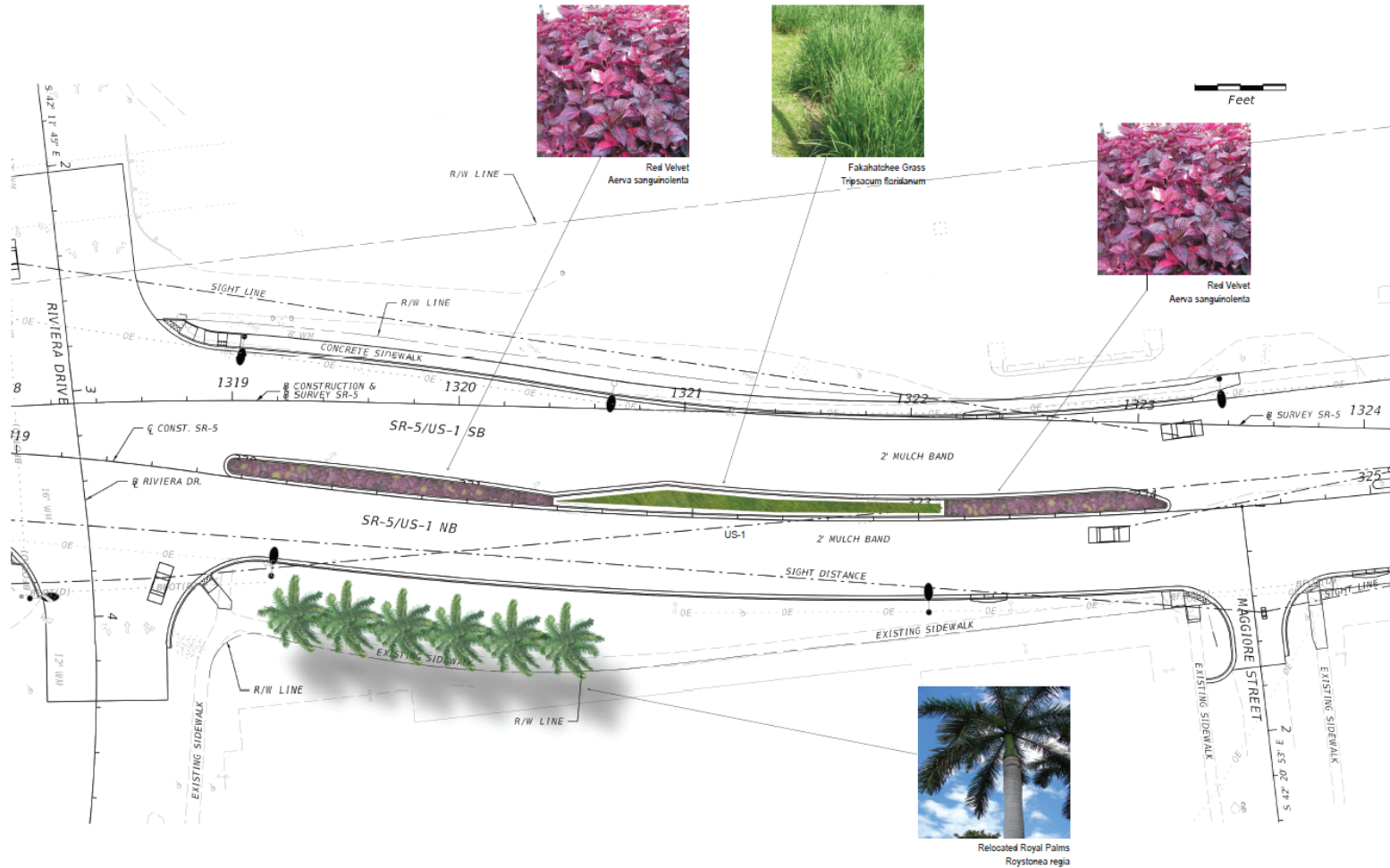


Red Velvet  
*Aerva Sanguinolenta*



US-1 from Ponce de Leon to Douglas Rd

# SR-5/US-1 Landscape Project



US-1 at Riviera Drive

## US-1 Landscape Project (FPID 433455-5)

- Medjool Palms Request
  - Medjools to be planted in the median in lieu of Royal Palms
  - Live Oak Trees to be planted on the sides
  - Additions to the irrigation controller
  - Drought tolerant shrub plantings
  - \$563,000 construction cost estimate
- Modifications made to accommodate request and reduce cost
  - Reduced number of Medjools in median and eliminated oak trees
  - \$462,290 construction cost estimate
- **Cost Difference Medjool vs Royal Palms +\$176,248**

## **US-1 Landscape Project (FPID 433455-5)**

- Sylvester Date Palms Request
  - Sylvester Date Palms to be planted in the median in lieu of Royal Palms
    - \$363,425 construction cost estimate
- **Cost Difference Sylvester vs Royal Palms +\$77,383**



## Schedule

- Plans Complete – 3/1/2019
- Production – 3/11/2019
- Letting – 8/29/2019

## Budget Summary

- City may contribute cost difference

Type of Palm	Cost Estimate	Cost Difference
Medjool	\$462,290	\$176,248
Sylvester Date	\$363,425	\$77,383
Royal	\$286,042	\$0