

# AVENUE D

## REVITALIZATION PLAN



Total Project Cost Estimate  
\$989,500

Fort Pierce Redevelopment Agency  
April 13, 2021

# AVENUE D

## STREETSCAPE IMPROVEMENTS

Project Limits:  
N. US Hwy. 1  
To N. 29<sup>th</sup> St.

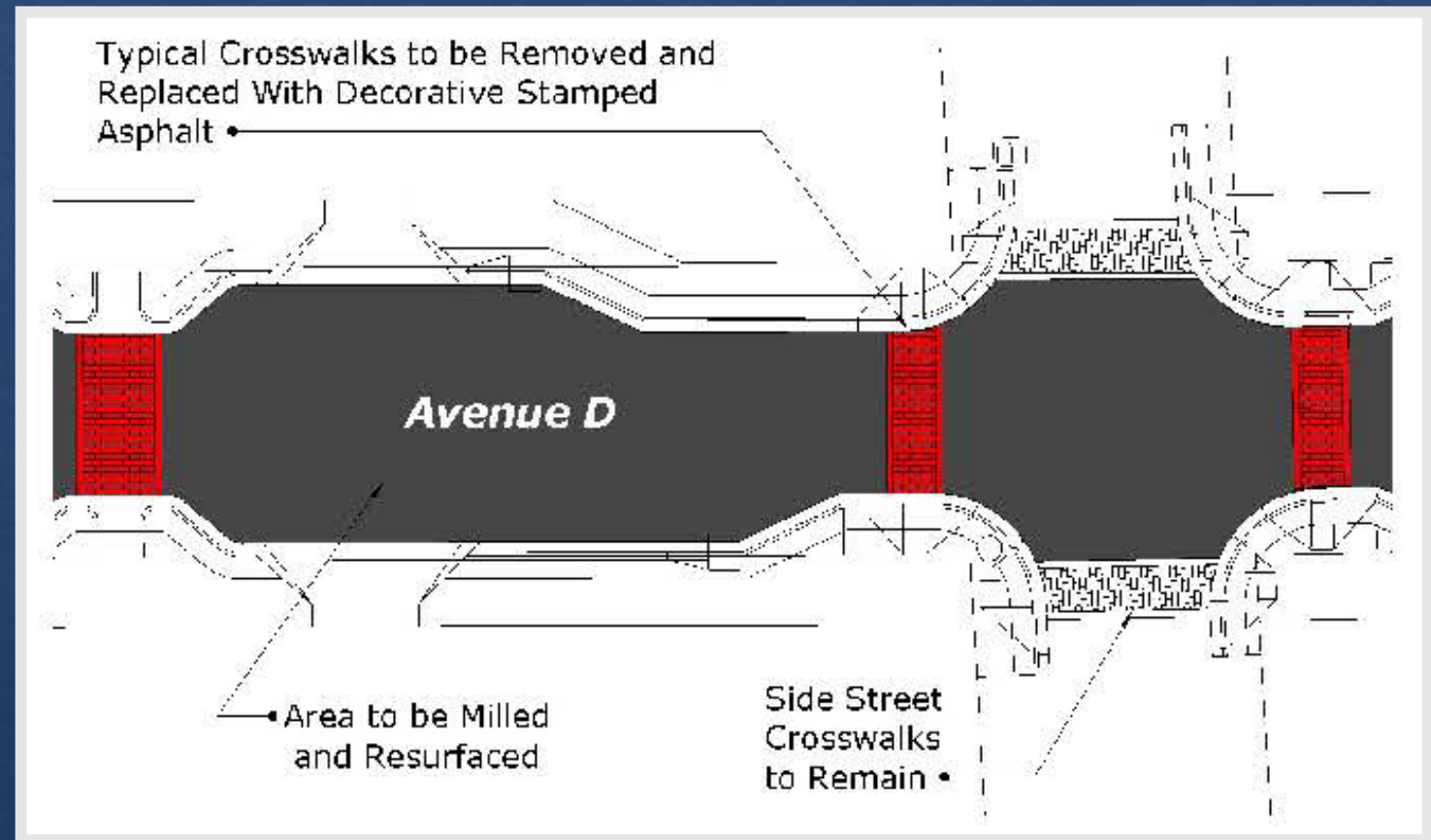
### Project Summary

The improvements for this project will include milling of the existing asphalt surface, removal of the existing concrete paver intersection and mid-block crosswalks, asphalt resurfacing, and construction of decorative stamped asphalt crosswalks.

Roadway  
Construction  
Cost:  
**\$837,900**

Prepared by:  
City of Fort  
Pierce  
Engineering  
Department

January 16, 2021



# AVENUE D

## STREETSCAPE IMPROVEMENTS

Project Limits:  
**N. US Hwy. 1**  
**To N. 29<sup>th</sup> St.**

Roadway  
Construction  
Cost:  
**\$837,900**

Prepared by:  
**City of Fort**  
**Pierce**  
**Engineering**  
**Department**

January 16, 2021

### WORK DESCRIPTION

Revitalization of this corridor (1.64 Miles) connects US Hwy #1 with the redeveloping Lincoln Park Neighborhood. The work will first involve milling of the existing asphalt surface 1-1/4" in depth. Existing crosswalks, both mid-block and at each intersection on Avenue D will be demolished and removed. Subgrade, base and asphalt base course will be replaced at these crosswalks. All travel lanes including parking lanes will be resurfaced with 1-1/4" asphaltic concrete surface.

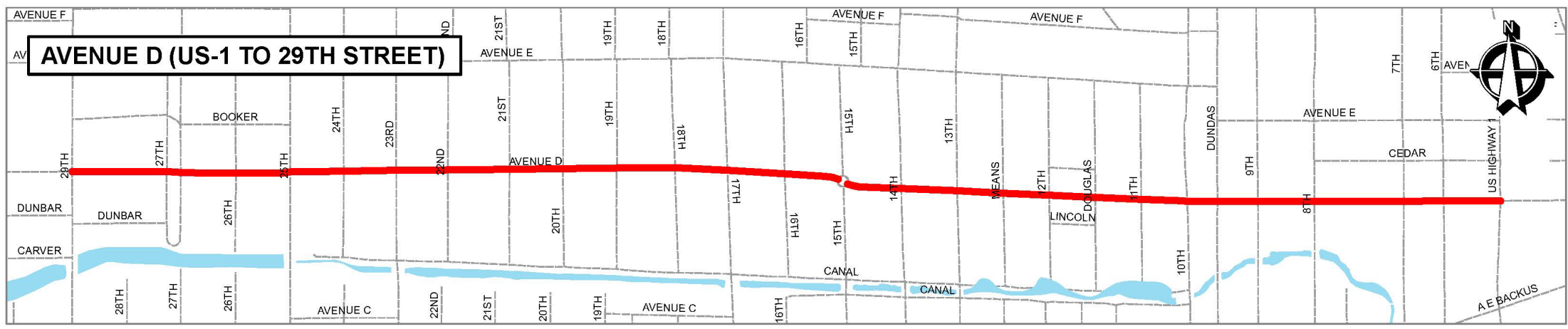
### TYPICAL SECTION

All pavement markings will be replaced with thermo-plastic material. The final item will be the installation of decorative stamped asphalt crosswalks throughout the project.





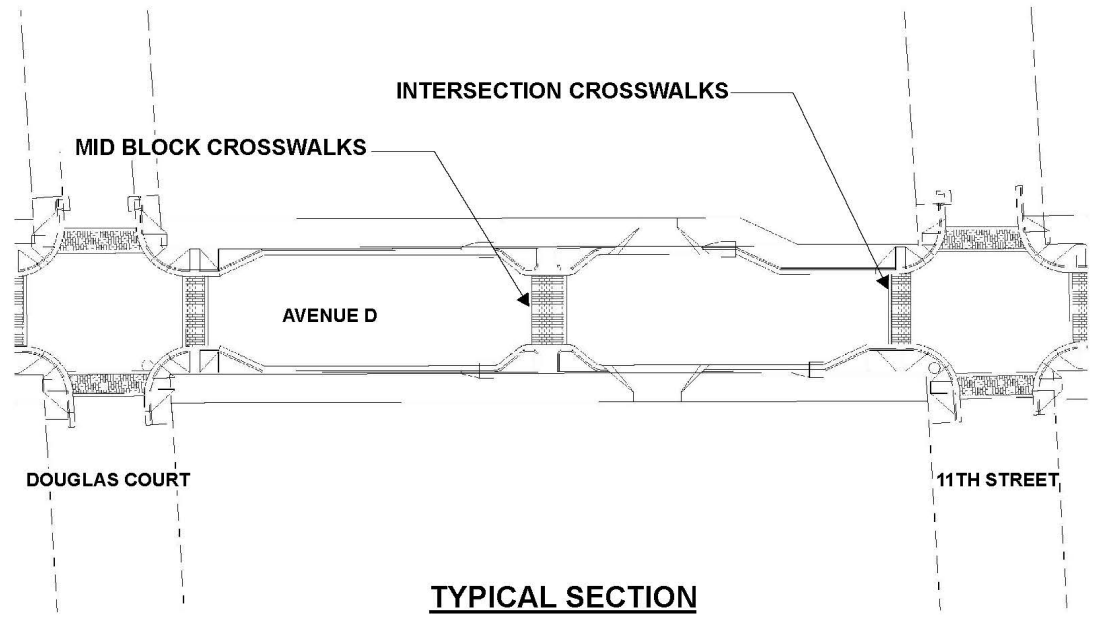
# AVENUE D (US-1 TO 29TH STREET)



Project Limits:  
**N. US Hwy. 1**  
**To N. 29<sup>th</sup> St.**

## AVENUE D

STREET NAME	FROM	TO	LENGTH	WIDTH	AREA
AVENUE D	10TH STREET	11TH STREET	280.44	35	9815.48
AVENUE D	11TH STREET	DOUGLAS COURT	278.01	35	9730.34
AVENUE D	12TH STREET	MEANS COURT	279.87	35	9795.62
AVENUE D	13TH STREET	14TH STREET	340.06	35	11902.1
AVENUE D	14TH STREET	15TH STREET	329.25	35	11523.87
AVENUE D	15TH STREET	16TH STREET	329.08	35	11517.83
AVENUE D	16TH STREET	17TH STREET	348.12	35	12184.06
AVENUE D	17TH STREET	18TH STREET	318.01	35	11130.45
AVENUE D	18TH STREET	19TH STREET	353.42	35	12369.64
AVENUE D	19TH STREET	20TH STREET	328.32	35	11491.09
AVENUE D	20TH STREET	21ST STREET	325.72	35	11400.11
AVENUE D	21ST STREET	22ND STREET	376.12	35	13164.14
AVENUE D	22ND STREET	23RD STREET	314.51	35	11007.94
AVENUE D	23RD STREET	24TH STREET	318.73	35	11155.67
AVENUE D	24TH STREET	25TH STREET	326.24	35	11418.33
AVENUE D	25TH STREET	26TH STREET	329.93	27	8908.2
AVENUE D	26TH STREET	27TH STREET	335.78	24	8058.79
AVENUE D	27TH STREET	27TH STREET	86.23	24	2069.61
AVENUE D	27TH STREET	29TH STREET	576.7	24	13840.81
AVENUE D	6TH STREET	7TH STREET	240.91	35	8431.77
AVENUE D	7TH STREET	8TH STREET	545.1	35	19078.54
AVENUE D	8TH STREET	9TH STREET	343.7	35	12029.54
AVENUE D	9TH STREET	DUNDAS COURT	246.6	35	8631.12
AVENUE D	DOUGLAS COURT	12TH STREET	282.96	35	9903.47
AVENUE D	DUNDAS COURT	10TH STREET	183.3	35	6415.57
AVENUE D	MEANS COURT	13TH STREET	280.88	35	9830.79
AVENUE D	US HIGHWAY 1	6TH STREET	347.9	28.6	9949.96
Sum AREA					286754.83



10 = MID BLOCK CROSSWALKS

40 = INTERSECTION CROSSWALKS

Roadway  
 Construction  
 Cost:  
**\$837,900**

Prepared by:  
**City of Fort  
 Pierce  
 Engineering  
 Department**

January 16, 2021



Project Limits:  
N. US Hwy. 1  
To N. 29<sup>th</sup> St.

Roadway  
Construction  
Cost:  
**\$837,900**

Prepared by:  
City of Fort  
Pierce  
Engineering  
Department

January 16, 2021

**Project: Avenue D (US 1 to 29th Street)**

A	B	C	D	E	F
ITEM NO.	DESCRIPTION OF WORK	UNIT	QTY.	UNIT PRICE	SCHEDULED VALUE
<b>Demolition/Mobilization/MOT</b>					
1	Mobilization/General Conditions	LS	1	\$29,800.00	\$29,800.00
2	MOT	LS	1	\$42,000.00	\$42,000.00
3	Remove Concrete Paver Crosswalks (Intersection)	SY	1,040	\$38.00	\$39,520.00
4	Remove Concrete Paver Crosswalks (Mid-Block)	SY	358	\$38.00	\$13,604.00
	<b>Sub-Total</b>				<b>\$124,924.00</b>
<b>Roadway Construction</b>					
5	Mill 1.25" Depth	SY	31,862	\$2.25	\$71,689.50
6	Type SP 12.5 Structural Course (1-1/2")	TN	131	\$165.00	\$21,615.00
7	Type SP 9.5 Structural Course (1-1/4")	TN	2,490	\$130.50	\$324,945.00
8	Roadway Base Repair (8" Depth)	SY	1,398	\$52.00	\$72,696.00
9	Decorative Crosswalks	SF	11,224	\$10.50	\$117,852.00
10	Signing & Striping	LS	1	\$28,000.00	\$28,000.00
	<b>Sub-Total</b>				<b>\$636,797.50</b>
	10% Contingency				\$76,172.15
	<b>TOTAL RECONSTRUCTION COST</b>				<b>\$837,893.65</b>

# AVENUE D

## LANDSCAPE IMPROVEMENTS

Project Limits:  
N. US Hwy. 1  
To N. 29<sup>th</sup> St.

Landscape  
Improvement  
Cost:  
**\$151,600**

Prepared by:  
City of Fort  
Pierce  
Public Works  
Department

January 16, 2021

### Project Summary

The goal of the landscape improvements is to celebrate the culture and heritage of Lincoln Park, in part, through the incorporation of Royal Poincianas and Royal Palms, within the existing landscape. The plan involves improving:

- The Roundabout at N. 15<sup>th</sup> Street
- Intersection at N. 23<sup>rd</sup> Street
- Removal of some the existing palms and replacement with Royal Poincianas or Palms.





Project Limits:  
**N. US Hwy. 1**  
**To N. 29<sup>th</sup> St.**

Landscape  
 Improvement  
 Cost:  
**\$151,600**

Prepared by:  
**City of Fort  
 Pierce**  
**Public Works  
 Department**

January 16, 2021

Project: Avenue D Streetscape Landscape Improvements – Public Works					
A	B	C	D	E	F
ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT PRICE	SCHEDULED VALUE
<b>Estimate Avenue D Roundabout</b>					
1	Royal Palms (Greywood)	10-12 feet	14	\$1,300.00	\$ 18,200.00
2	Royal Poinciana Trees	45 gallons	4	\$ 900.00	\$ 3,600.00
3	Ligustrum standard	45 gallons	4	\$ 750.00	\$ 3,000.00
4	Green Island Ficus	3 gallons	250	\$ 7.00	\$ 1,750.00
5	Mulch	Pallets	2	\$ 250.00	\$ 500.00
<b>SUB-TOTAL (Plant Materials)</b>					<b>\$27,050.00</b>
1	Irrigation Meters		2	\$ 1,500.00	\$ 3,000.00
2	Irrigation Valves and Materials		2	\$ 225.00	\$ 450.00
3	Battery Timers		2	\$ 100.00	\$ 200.00
<b>SUB-TOTAL (Irrigation Materials)</b>					<b>\$ 3,650.00</b>
<b>Demolition, Site Prep, and Installation</b>					<b>\$ 30,700.00</b>
<b>LANDSCAPE ESTIMATE</b>					<b>\$ 61,400.00</b>
<b>Remove concrete sidewalk, pour, and form new sidewalk/tree planters</b>					<b>\$ 85,000.00</b>
<b>SUB-TOTAL JOB ESTIMATE</b>					<b>\$146,400.00</b>
<b>Estimate for Additional Tree Plantings on Avenue D (corners of 7<sup>th</sup>, 13<sup>th</sup>, 15<sup>th</sup>, 17<sup>th</sup>, 23<sup>rd</sup>, and 25<sup>th</sup> Streets)</b>					
23 <sup>rd</sup> Street	4) four tree planters, currently have Sabal Palms, no irrigation.	Poincianas	4	\$ 900.00	\$3,600.00
	or	Royal Palms	4	\$1,300.00	\$5,200.00
	7 <sup>th</sup> , 13 <sup>th</sup> , 15 <sup>th</sup> , 17 <sup>th</sup> , and 25 <sup>th</sup> Streets	Presently no tree planters and cannot be installed due to ADA accessibility, lack of irrigation and overhead powerlines. No Rights of Way available.			
<b>TOTAL JOB ESTIMATE</b>					<b>\$151,600.00</b>

# AVENUE D

## INFRASTRUCTURE IMPROVEMENTS

Project Limits:  
N. US Hwy. 1  
To N. 29<sup>th</sup> St.

Infrastructure  
Improvement  
Cost:  
**\$1,000,000**

Prepared by:  
City of Fort  
Pierce  
Public Works  
Department

January 16, 2021



FPUA partnership will provide \$1,000,000.00 in infrastructure improvements to place utilities under ground from N. 15th Street to N. 25th Street.

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