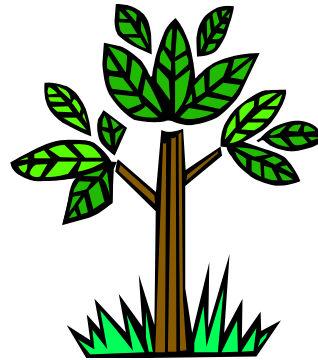


Median Beautification Project



Introduction

The City of Fort Lauderdale contains approximately 90 acres of medians. These medians represent the image of the city with respect to their cleanliness, maintenance and beauty. With thousands of residents and visitors passing by these medians on a daily basis, opinions about the City are formed based upon their appearance.

With this in mind, the City Manager's Office requested a \$500,000 median beautification plan be researched to potentially provide a "facelift" to the landscaping of the city medians, creating an identifiable image with a lush, tropical appearance.

A committee has addressed the beautification of the city medians and developed a work plan that includes the following:

- 1) Identification of the principal arterial medians
- 2) Development of two conceptual designs (larger scale and smaller scale)
- 3) Inclusion of Florida friendly greenery that signifies entry into the City of Fort Lauderdale
- 4) Establishment of a signature plant or look to the landscape
- 5) Consideration for what the medians will look like in five years

14 Principal Arterial Medians

Cypress Creek

Commercial Blvd

SR A1A

Oakland Park Blvd

Sunrise Blvd

Broward Blvd

Sistrunk Blvd

Federal Hwy

SR 84

Powerline Rd

US 441

Las Olas Blvd

NE 18 Ave

Davie Blvd

7 Principal Entrances

Andrews Ave / SMRT

Powerline Rd

Federal Hwy / SR84

A1A / Flamingo Dr

Federal / 17 St

Broward Blvd / US 441

Sunrise Blvd / I-95

With a \$500,000 budget, only two major medians and two major entrances can be redesigned in the requested “tropical, lush and inviting manner”. Four locations were chosen for their high visibility and potential to be signature medians and entrances:

Principal Arterial Medians

Cypress Creek

Commercial Blvd

SR A1A (NE 21 St to OP Blvd)

Oakland Park Blvd

Sunrise Blvd

Broward Blvd

Sistrunk Blvd

Federal Hwy (Commercial Blvd to 65 St)

SR 84

Powerline Rd

US 441

Las Olas Blvd

NE 18 Ave

Davie Blvd

Principal Entrances

Andrews Ave / SMRT

Powerline Rd

Federal Hwy / SR84

A1A / Flamingo Dr

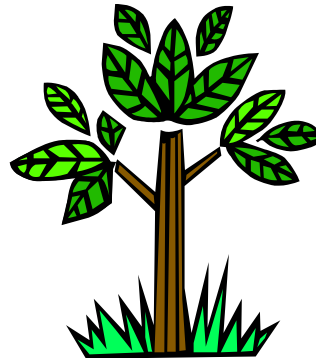
Federal / 17 St

Broward Blvd / US 441

Sunrise Blvd / I-95

Medians

Option #1





A1A – current photo

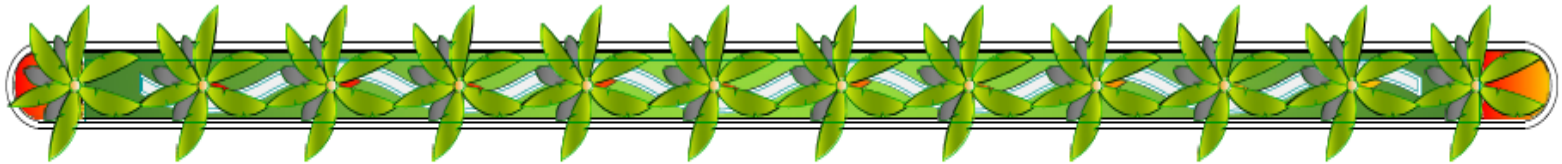
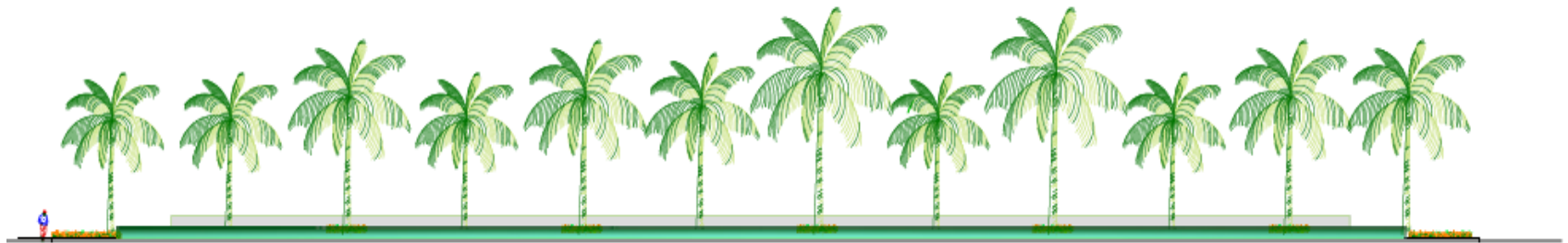


Wounds



Black Olives have outgrown the median

A1A Median Conceptual Design – 21 St to Oakland Park Blvd (Option #1)



A1A MEDIAN



Wave hedge is the signature

A1A Median Conceptual Design Cost (Option #1)

Number from South to North	Length	Width at Widest Point	Location Description	REMOVAL COSTS		INSTALLATION COSTS				Grand Total
				Sable Palms	Black Olives	Coconuts at 30' oc	Silver Button Wood	Green Island Ficus at 18" oc	Orange Crush Bromeliad	
1*	234'	9'	at NE 21st St	7	0	7	125	650	30	
2	290'	13'		8	0	9	200	1250	30	
3*	92'	9'	at NE 23 St	3	0	3	50	250	30	
4	380'	12'	between NE 23 and NE 25 Streets	13	2	13	250	1550	30	
5	187'	12' 6"	St Pius Church	6	0	6	125	750	30	
6	615'	13'	NE 27th Street graded planter	9	5	20	425	2750	30	
7	398'	13' 6"	across from Vantage View Condominium	14	2	13	275	1800	30	
8	282'	13' 9"	NE 30th Street to OP	6	3	10	200	1300	30	
Total	2478'			66	12	81	1650	10300	240	
Cost per unit				\$150.00	\$500.00	\$1,200.00	\$7.00	\$6.85	\$35.00	
Total \$				\$9,900.00	\$6,000.00	\$97,200.00	\$11,550.00	\$70,555.00	\$8,400.00	\$203,605.00

plus cost of mulch installed @ 2800bags X \$1.70/bag \$ 4,760.00

plus misc. removals, water system reconstruction, overages \$ 10,000.00

NOTES:

Planters marked with (*) cannot accommodate "wave" hedge pattern.

Finished silver buttonwood hedge width calculated at 3'.

"Wave" pattern factored at 1.33.

Estimation only. Does not consider DOT rules for spacing from signage, etc.

GRAND TOTAL \$218,365.00

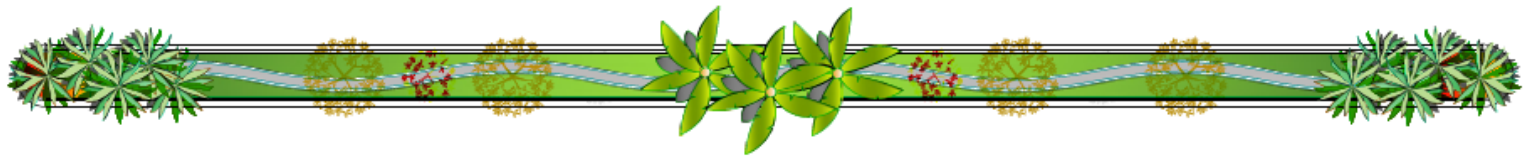


Federal Hwy Median
Wounded and very clustered



Federal Hwy Median
Overgrown Mahogany

Federal Hwy Medians Conceptual Design (Option #1)



ALTERNATE GABAL TP MEDIAN

Federal Median Removal Costs (Option #1)
Commercial Blvd to NE 65 St

Removal Costs												
Number from South to North	Length	Width at Widest Point	Removal Costs									
			Black Olive Removals	Sabal Removals	Yellow Tab Removals	Mahogany Removals	Gumbo Limbo Removals	Ear leaf Acacia Removals	Pink Tab Removals	Alex Palm Removals	Shrubbery Removals	Sod Removal
1	475	20	1	7	4	3	0	0	0	0	\$1,000.00	\$1,000.00
2	34	20	0	0	0	0	0	0	0	0	\$500.00	\$100.00
3	232	11	2	0	0	0	0	0	0	0	\$0.00	\$1,000.00
4	31.5	10	0	0	0	0	0	0	0	0	\$500.00	\$100.00
5	225	12	0	0	0	2	0	0	0	0	\$0.00	\$500.00
6	77	12	0	0	0	0	0	0	0	4	\$500.00	\$0.00
7	21	19	0	0	0	0	0	0	0	2	\$500.00	\$0.00
8	415	16.5	4	3	1	0	1	1	0	0	\$1,000.00	\$1,000.00
9	181	15	0	0	0	2	0	0	0	0	\$0.00	\$500.00
10	170	15.5	0	5	1	0	5	0	1	0	\$300.00	\$500.00
11	144	12	0	0	0	0	0	0	0	0	\$100.00	\$200.00
12	219	15	0	0	0	0	0	0	0	7	\$1,000.00	\$500.00
Total			7	15	6	7	6	1	1	13		
Cost per unit			\$500.00	\$150.00	\$150.00	\$500.00	\$500.00	\$500.00	\$150.00	\$150.00	N/A	N/A
Total \$			\$3,500.00	\$2,250.00	\$900.00	\$3,500.00	\$3,000.00	\$500.00	\$150.00	\$1,950.00	\$5,400.00	\$5,400.00
Total Removal Costs			\$26,550.00									

Federal Median Conceptual Design Cost (Option #1) Commercial Blvd to NE 65 St

Number from South to North	Length	Width at Widest Point	Coconuts	Jatropha	Gumbo Limbos	Silver Button Wood	Green Island Ficus at 12" oc	"Dean"	Grand Total
1	475	20	2	10	0	404	4560	30	
2	34	20	1	0	0	0	326	4	
3	232	11	0	4	1	198	1225	20	
4	31.5	10	0	0	0	27	151	20	
5	225	12	0	2	0	192	1296	4	
6	77	12	0	3	0	66	444	20	
7	21	19	1	0	0	0	192	4	
8	415	16.5	2	0	2	353	3287	30	
9	181	15	1	0	0	154	1303	20	
10	170	15.5	2	2	1	145	1265	20	
11	144	12	0	0	0	123	829	20	
12	219	15	2	4	1	186	1577	20	
Total			11	25	5	1848	16455	212	

Cost per unit	\$1200.00	\$400.00	\$400.00	\$6.75	\$6.85	\$35.00
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Total \$	\$13,200.00	\$10,000.00	\$2,000.00	\$12,474.00	\$112,716.75	\$7,420.00	\$ 157,810.75
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Melaleuca from Superior Mulch -	3535 bags @ \$1.70/bag	\$ 6,010.00
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Total	\$ 163820.75
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Plus misc. water system reconstruction, overages	\$ 31,000.00
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Installation Grand Total	\$ 194,820.75
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Removal Cost	\$ 26,550.00
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TOTAL REMOVAL & INSTALLATION COST	\$ 221,370.75
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Wave hedge continues as signature on Federal Hwy medians

Entrances



Clustered and overgrown



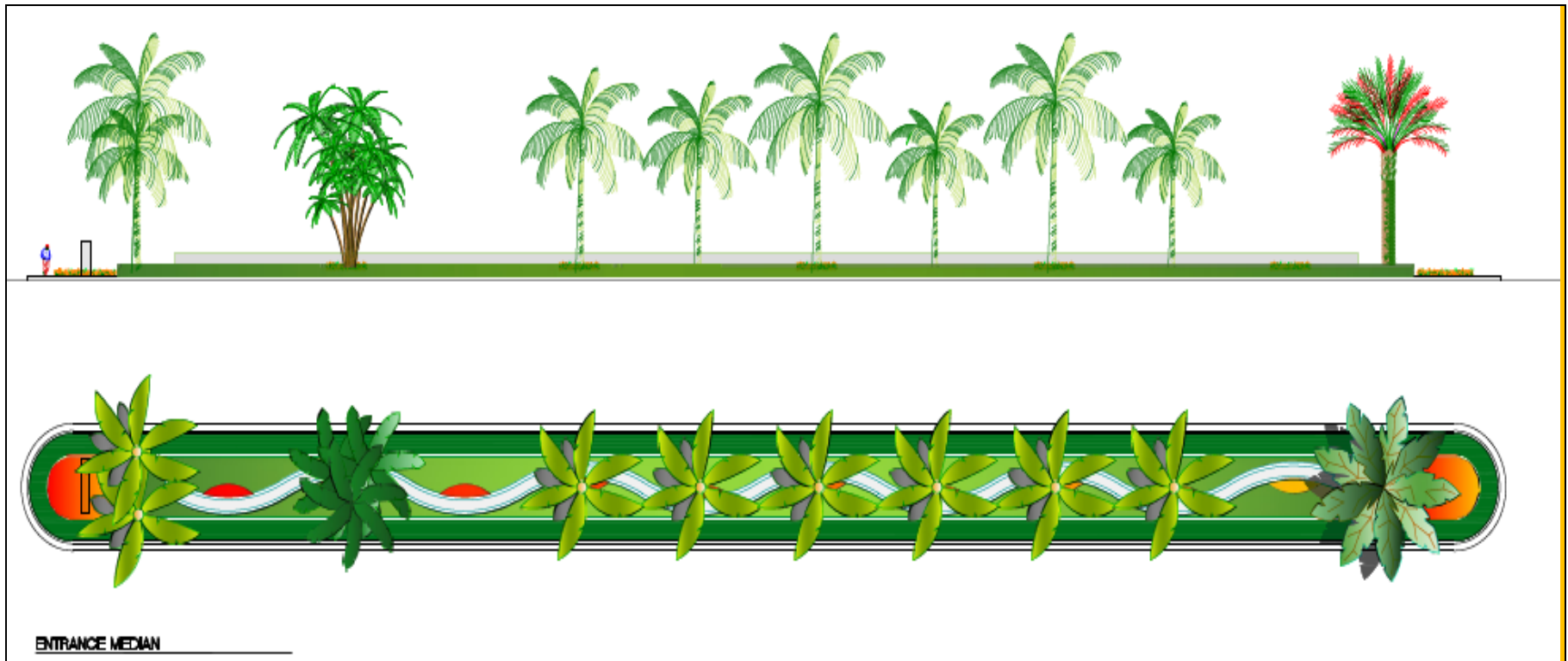
SR 84 and Federal Hwy

Overly packed with plants
behind welcome sign

SR 84 and Federal Hwy



SR 84 and Federal Hwy Entryway Conceptual Design (Option #1)





Welcome To
Fort Lauderdale

Wave hedge is the signature



Conceptual Design (behind the sign)

SR 84 and Federal Hwy Conceptual Design Cost (Option #1)

REMOVALS						INSTALLATIONS						
	Sable Palms	Washingtonia Palms	Ligustrum Trees	Montgomery Palms	Gumbo Trees	Medjool Palms	Coconuts	Silver Button Wood	Palmetto Sod	Green Island Ficus at 12" oc	"Dean"	Grand Total
Total	4	2	8	2	4	2	12	200	5100 sq ft	800	60	
Cost per unit	\$100.00	\$200.00	\$100.00	\$100	\$200.00	\$5,000.00	\$504.00	\$6.75	\$.294	\$6.85	\$35.00	
Total \$	\$400.00	\$400.00	\$800.00	\$200.00	\$800.00	\$10,000.00	\$6,048.00	\$1,350.00	\$1,500.00	\$5,480.00	\$2,100.00	\$ 29,078.00

NOTES:
fix wall

plus cost of mulch installed (2000 bags X \$1.70/bag) \$ 3,400.00

Melaleuca from Superior Mulch

Total **\$ 32,478.00**

Plus misc. removals, water system reconstruction,
overages \$ 9,000.00

GRAND TOTAL \$ 41,478.00



Current condition
Sunrise/95



Sunrise /95 Concept



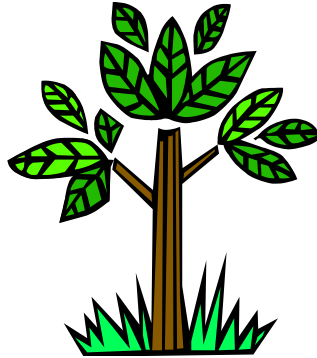
Sunrise and I-95 Conceptual Design Cost (Option #1)

	REMOVAL	INSTALLATIONS					
	Black Olives	Medjool Palms	Coconuts	Silver Button Wood	Green Island Ficus at 12" oc	"Dean"	Grand Total
Total	3	2	13	650	650	26	
Cost per unit	\$500.00	\$4,200.00	\$504.00	\$6.75	\$6.85	\$35.00	
Total \$	\$1,500.00	\$8,400.00	\$6,552.00	\$4,387.50	\$4,452.50	\$910.00	\$26,202.00
		Melaluca from Superior Mulch installed (1200 bags X \$1.70/bag)					\$ 2,040.00
		Total					\$28,242.00
		Plus misc. removals, water system reconstruction, overages					\$ 6,000.00
		GRAND TOTAL					\$34,242.00

A photograph of a road median. A concrete curb separates a paved road from a landscaped area. The landscaped area contains a palm tree, several clumps of orange-colored plants, and a dense row of low-lying green plants. A yellow painted line runs along the curb. In the background, a pedestrian is walking across the road, and another person is standing near a utility pole. The text "Planting now on A1A" is overlaid in a yellow box on the left side of the image.

Planting now on A1A

**Project Maintenance Costs
For Option #1:
\$65,000**



Smaller Scale Conceptual Design Option #2

WELCOME TO
FORT LAUDERDALE



Option - \$10,000-\$12,000 per application



A Second Option – Smaller Scale Design to incorporate a larger number of medians and entryways

Rather than create only a few (4) signature medians and entryways with \$500,000:

Consider a signature planting of two Coconut Palms framing a welcome sign with a Jatropha Tree as the focal point with the Wave Hedge running up to 100ft behind the welcome sign.

This option will:

- Still create an identifiable “entering Fort Lauderdale” image
- Stretch City dollars (approximately \$10,000 -\$12,000 per location)
- Complete a larger number of entryways (can complete approximately 40 locations)

Cost Breakdown for Second Option

Block and mortar welcome sign: \$6,000 -\$7,000

Two Coconut Palms: \$2,000 - \$2,400

Jatropha Tree - \$250

Bed of Green Island Ficus in front of sign: \$500

Wave Hedge behind sign (50-100ft) \$1500-\$2000

Two Choices

Total Cost for
2 medians and 2 entrances:
\$515,456
(Option #1)

Total Cost for
40+ locations at
\$10,000-\$12,000 each
\$480,000
(Option #2)

Additional Advantages of Second Option

Up to 10 locations per commission district to designate welcome entrances to the city as well as to establish the signature wave hedge.

Much easier to maintain being that the wave hedge stands alone on grass, rather than in a bed Green Island Ficus per option #1.

Cheaper to maintain: Forty locations contracted for hedge trimming would cost apx. \$38,000.

WELCOME TO
FORT LAUDERDALE

