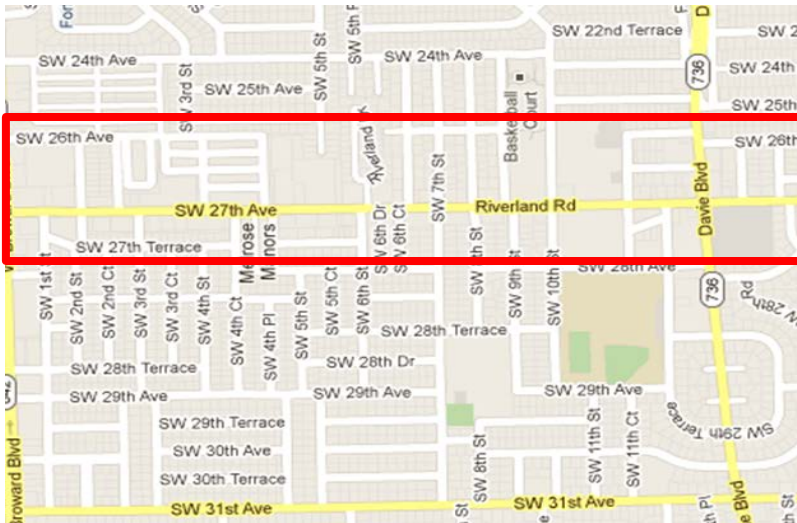


# Transportation Alternative Project Grant Candidate

## SW 27 Avenue – From Broward Boulevard to Davie Boulevard (5600 ft./1.06 miles)

This project is identified as a secondary bike way facility on the City's multimodal connectivity map. The facility includes elements of complete streets: Lane reduction, color enhanced bike lanes, safety zone, decorative cross walks/street lights, in-ground LED lights and ADA improvements.



Cost Estimate					
ITEMS	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
				\$	\$ Price
1	Mobilization (Based on 5%)	LS	1		\$35,880.98
	<b>DEMOLITION:</b>				
2	Traffic Maintenance	LS	1	26,351.00	\$26,351.00
3	Asphalt Removal	SY		2.63	\$0.00
4	Sidewalk Concrete Removal	SY		6.25	\$0.00
5	Limerock Base Removal	CY		5.84	\$0.00
6	Removing and Installing Utility Pole	EA		2,250.00	\$0.00
7	Removing Pavement Markings (6-10 skip white)	LF		3.60	\$0.00
8	Traffic Signalization modification	EA	4	5,000.00	\$20,000.00
9	Existing Concrete Curb Removal (Type F)	LF		1.17	\$0.00
10	Existing ADA Ramp Removal	EA		175.23	\$0.00
11	Existing FDOT curb Inlet Removal	EA		322.92	\$0.00
12	Existing Pipe Removal	LF		173.00	\$0.00
13	Existing Tree Removal	EA		300.00	\$0.00
	<b>CONSTRUCTION:</b>				
14	Installing concrete edge beam	LF	12600	18.00	\$226,800.00
15	Installing ADA Ramp w/Detectable Warning	EA	50	175.23	\$8,761.50
16	Installing Raised pavement markers(RPM)	EA		3.27	\$0.00
17	Installing in-ground lighting with flashing beacon	EA	2	30,000.00	\$60,000.00
18	Replace Existing Inlet (C.B.)	EA		1,707.91	\$0.00
19	Relocating single post sign	EA		233.64	\$0.00
20	Installing 6" Solid White Thermoplastic	LF	22400	0.88	\$19,712.00
21	Installing 18" Solid White Thermoplastic	LF	6720	3.25	\$21,840.00
22	Installing stamp asphalt cross walk	SF	6300	14.00	\$88,200.00
23	Install Miscellaneous Pavement Symbols	EA	100	469.00	\$46,900.00
24	Paint Bike lane to FHWA Standard	SF	56000	1.90	\$106,400.00
25	Installing 8" Solid White Thermoplastic	LF	11200	1.10	\$12,320.00
26	Installing 24" Solid White Thermoplastic	LF	500	4.67	\$2,335.00
27	Superpave Asphalt Concrete	TN		109.00	\$0.00
28	Waterline Tapping and Meter	EA		2,800.00	\$0.00
29	Top Soil 80/20 Sand/Muck	YD		40.89	\$0.00
30	Veitchia Montgomeriana	EA		309.57	\$0.00
31	Fertilizer	LB		0.77	\$0.00
32	Tree Staking	EA		8.76	\$0.00
33	Clean Fill, Sand Deliver & Install	CY		9.35	\$0.00
34	Installing Steel Bench-Model CBNA-R103	EA		2,129.63	\$0.00
35	Installing Trash receptacles-Model S42	EA		1,218.43	\$0.00
36	Decorative Lighting	EA	13	6,000.00	\$78,000.00
37	Resurfacing (1" Asphalt Type III)	SY		4.75	\$0.00
38	Utility Adjustment	LS		120,000.00	\$0.00
39	Landscaping	LS			\$0.00
	Sub-total				\$717,619.50
	Sub-total + Mobilization (5%)				\$753,500.48
	Contingency (15%)				\$113,025.07
	Engineering FEE (17%)				\$128,095.08
	<b>TOTAL</b>				<b>\$994,620.63</b>

CAM 13-0200

EXHIBIT 5

Page 1 of 5

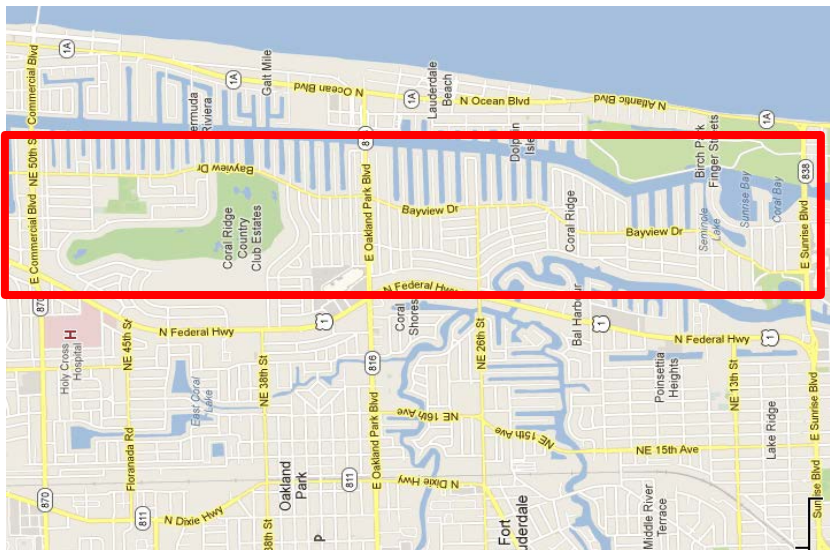




# Transportation Alternative Project Grant Candidate

## Bayview Drive – From Sunrise Boulevard to Commercial Boulevard (19,500 ft./3.69 miles)

This project is identified as a primary bike way facility on the City’s multimodal connectivity map. The facility includes elements of complete streets: color enhanced bike lanes, decorative cross walk/street lights, in-ground LED lights, tree canopy and ADA improvements.



Cost Estimate					
ITEMS	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
				\$	\$ Price
1	Mobilization (Based on 5%)	LS	1		\$39,308.30
	<b>DEMOLITION:</b>				
2	Traffic Maintenance (Based on 5%)	LS	1	35,000.00	\$35,000.00
3	Remove Various Pavement (Hydro Blast)	LF	39000	1.75	\$68,250.00
4	Sidewalk Concrete Removal	SY		6.25	\$0.00
5	Limerock Base Removal	CY		5.84	\$0.00
6	Removing and Installing Utility Pole	EA		2,250.00	\$0.00
7	Removing Pavement Markings (6-10 skip white)	LF		3.60	\$0.00
8	Traffic Signalization (Relocation)	EA		40,000.00	\$0.00
9	Existing Concrete Curb Removal (Type F)	LF		1.17	\$0.00
10	Existing ADA Ramp Removal	EA		175.23	\$0.00
11	Existing FDOT curb Inlet Removal	EA		322.92	\$0.00
12	Existing Pipe Removal	LF		173.00	\$0.00
13	Existing Tree Removal	EA		300.00	\$0.00
	<b>CONSTRUCTION:</b>				
14	Installing Type "F" Concrete Curb and Gutter	LF		12.79	\$0.00
15	Installing ADA Ramp w/Detectable Warning	EA	200	175.23	\$35,046.00
16	Installing Detectable Warning (2'x4')	EA		175.23	\$0.00
17	Saw cutting concrete/Asphalt	LF		0.29	\$0.00
18	Replace Existing Inlet (C.B.)	EA		1,707.91	\$0.00
19	Relocating single post sign	EA		233.64	\$0.00
20	Installing 6" Solid White Thermoplastic	LF	78000	0.88	\$68,640.00
21	Installing 24" Solid White Stop Bars	LF		4.67	\$0.00
22	Installing 6" Solid Yellow Thermoplastic	LF		4.67	\$0.00
23	Install miscellaneous Pavement symbols	EA	70	469.00	\$32,830.00
24	New canopy trees	EA	100	400.00	\$40,000.00
25	Installing Pavement Markings (6-10 skip white)	EA		500.00	\$0.00
26	Concrete sidewalk (6" thick)	SF		6.00	\$0.00
27	Install color enhanced bike lanes	SF	156000	1.90	\$296,400.00
28	Asphalt Base removal	EA		2,800.00	\$0.00
29	Asphalt Treated Permeable Base	CY		180.00	\$0.00
30	Veitchia Montgomeriana	EA		309.57	\$0.00
31	Decorative Street light	EA	35	6,000.00	\$210,000.00
32	Tree Staking	EA		8.76	\$0.00
33	Clean Fill, Sand Deliver & Install	CY		9.35	\$0.00
34	Installing Steel Bench-Model CBNA-R103	EA		2,129.63	\$0.00
35	Installing Trash receptacles-Model S42	EA		1,218.43	\$0.00
36	Concrete Edge Beam	LF		18.00	\$0.00
37	Resurfacing (1" Asphalt Type III)	SY		4.75	\$0.00
38	Utility Adjustment	LS		120,000.00	\$0.00
39	Landscaping	LS		40,000.00	\$0.00
	Sub-total				\$786,166.00
	Sub-total + Mobilization (5%)				\$825,474.30
	Contingency (15%)				\$123,821.15
	Engineering FEE (17%)				\$140,330.63
	<b>TOTAL</b>				<b>\$1,089,626.08</b>

