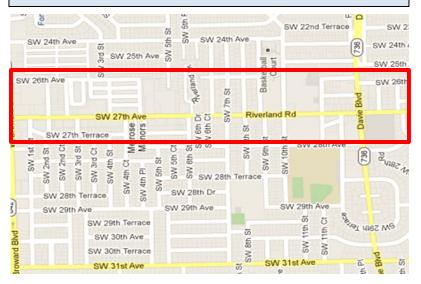
SW 27 Avenue – From Broward Boulevard to Davie Boulevard (5600 ft./1.06 miles)

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						
TEMS	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	
				\$	\$ Price	
1	Mobilization (Based on 5%)	LS	1	·	\$35,880.98	
	DEMOLITION:					
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	
	CONSTRUCTION:					
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%)			AM 13-0200	\$128,095.08	
	TOTAL			EXHIBIT 5	\$994,620.63	
				Page 1 of 5		

NE 13 Street (Phase 1) – From Andrews Avenue to FEC Railroad (3600 ft./0.68 miles)

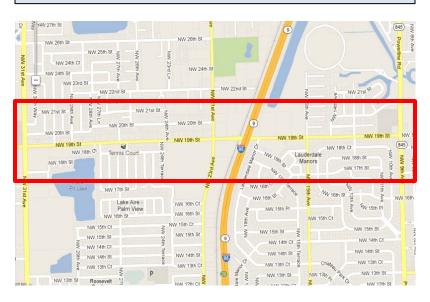
This project is identified as a secondary bike way facility on the City's multimodal connectivity map. The facility includes elements of complete streets: Lane reduction, color enhanced bike lanes, safety zone, decorative cross walk/street lights, inground LED lights, tree canopy and ADA improvements.



	Cost Estimate					
ITEMS	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	
III EIVIS	DESCRIPTION	ONII	QUANTITI	ONII FRICE	IOIAL	
				\$	\$ Price	
1	Mobilization (Based on 5%)	LS	1	•	\$47,294.86	
	DEMOLITION:					
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 misc Pavement Markings	LF		3.60	\$0.00	
8	Traffic Signalization modification	EA	3	10,000.00	\$30,000.00	
9	Existing Concrete Curb Removal (Type F)	LF		1.17	\$0.00	
10	Existing ADA Ramp Removal	EA	40	175.23	\$7,009.20	
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	
	CONSTRUCTION:					
14	Installing concrete edge beam	LF	4000	18.00	\$72,000.00	
15	Installing ADA Ramp w/Detectable Warning	EA	100	175.23	\$17,523.00	
16	Installing Raised pavement markers(RPM)	EA	2000	3.27	\$6,540.00	
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/yellow Thermoplastic	<u>LF</u>	15000	1.00	\$15,000.00	
21	Installing 18" Solid White Thermoplastic	LF_	8000	3.25	\$26,000.00	
22	Installing stamp asphalt cross walk	SF	2000	14.00	\$28,000.00	
23	Install Miscellaneous Pavement Symbols	EA	20	469.00	\$9,380.00	
24	Paint Bike lane to FHWA Standard	SF LF	36000	1.90	\$68,400.00	
25	Installing 8" Solid White Thermoplastic	LF LF	7200	1.10	\$7,920.00	
26	Installing 24" Solid White Thermoplastic	SY	400	4.67	\$1,868.00	
27 28	Superpave Asphalt Concrete Waterline Tapping and Meter	EA	834	109.00 2.800.00	\$90,906.00 \$0.00	
29	Top Soil 80/20 Sand/Muck	YD		40.89	\$0.00	
30	Veitchia Montgomeriana	EA		40.89 309.57	\$0.00	
31	Tree Planting	EA	40	400.00	\$16,000,00	
32	Traffic signal upgrade to Mast Arm	EA	2	200,000.00	\$400,000.00	
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 Steel Bench-Wodel CBNA-K 103	EA		1,218.43	\$0.00	
36	Decorative Lighting	EA	9	7.000.00	\$63,000.00	
37	Resurfacing (1" Asphalt Type III)	SY	,	4.75	\$0.00	
38	Utility Adjustment	LS		120,000.00	\$0.00	
39	Landscaping	LS		120,000.00	\$0.00	
	Sub-total				\$945,897.20	
	Sub-total + Mobilization (5%)				\$993,192.06	
	Contingency (15%)				\$148,978.81	
	Engineering FEE (17%)		C.	AM 13-0200	\$168,842.65	
	, , , , , , , , , , , , , , , , , , ,			EXHIBIT 5		
-	TOTAL			Page 2 of 5	\$1,311,013.52	
				rage 2 01 5		

NW 19 Street – From NW 31st Avenue to Powerline Road(10,560 ft./2 miles)

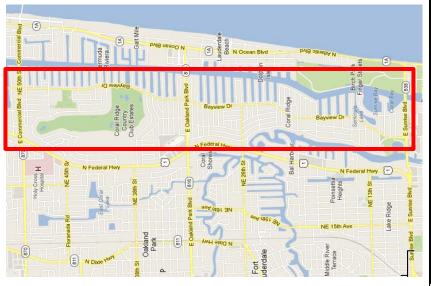
This project is identified as a primary bike way facility on the City's multimodal connectivity map. The facility includes elements of complete streets: Lane reduction, bike lanes, safety zone, decorative cross walk/street lights, inground LED lights and ADA improvements.



	Co	st Estimate	•			
ITEMS	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	
				\$	\$ Price	
1	Mobilization (Based on 5%)	LS	1		\$103,385.56	
	DEMOLITION:					
2	Traffic Maintenance	LS		2,995.00	\$0.00	
3	Asphalt Removal	SY		2.63	\$0.00	
4	Sidewalk Concrete Removal	SY	4774	6.25	\$29,837.50	
5	Limerock Base Removal	CY		5.84	\$0.00	
6	Removing and Installing Utility Pole	EA		2,250.00	\$0.00	
7	Removing Misc pavement ment Markings	LF	30000	3.60	\$108,000.00	
8	Traffic Signalization (Relocation)	EA		40,000.00	\$0.00	
9	Existing Concrete Curb Removal (Type F)	LF	8600	1.17	\$10,062.00	
10	Existing ADA Ramp Removal	EA	50	175.23	\$8,761.50	
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	
	CONSTRUCTION:					
14	Installing Type "F" Concrete Curb and Gutter	LF	8600	12.79	\$109,994.00	
15	Installing ADA Ramp w/Detectable Warning	EA	100	175.23	\$17,523.00	
16	Installing Detectable Warning (2'x4')	EA	100	175.23	\$17,523.00	
17	Installing Innovative Cross Walk	EA	6	30,000.00	\$180,000.00	
18	Installing 18" solid white Thermoplastic	EA	5000	4.67	\$23,350.00	
19	Relocating single post sign	EA		233.64	\$0.00	
20	Installing 6" Solid White Thermoplastic	LF	12000	0.88	\$10,560.00	
21	Installing 24" Solid White Stop Bars	LF	500	4.67	\$2,335.00	
22	Installing 8" Solid white Thermoplastic	LF	10560	4.67	\$49,315.20	
23	Installing Misc Pavement Markings Symbols	EA	50	469.00	\$23,450.00	
24	Concrete sidewalk (6" thick)	SF	43000	6.00	\$258,000.00	
25	Upgrade esisting traffic signal to mast arm	EA	4	200,000.00	\$800,000.00	
26	Shrubs & Ground Covers	EA		7.00	\$0.00	
27	Irrigation System	SF		4.00	\$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 Decorative Cross Walk	LF	3000	14.00	\$42,000.00	
35	Installing edge Beam	LF	6000	18.00	\$108,000.00	
36	Decorative Lighting	EA	20	6,000.00	\$120,000.00	
37	Super Asphaly concrete	SY		109.00	\$0.00	
38	Utility Adjustment	LS	1	120,000.00	\$120,000.00	
39	Landscaping	LS	1	29,000.00	\$29,000.00	
	Sub-total				\$2,067,711.20	
	Sub-total + Mobilization (5%)				\$2,171,096.76	
	Contingency (15%)				\$325,664.51	
	Engineering FEE (17%)		CA	И 13-0200	\$369,086.45	
	TOTAL			EXHIBIT 5	\$2,865,847.72	
	Page 3 of 5					

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.



	Со	st Estimate			
ITEMS	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
				\$	\$ Price
1	Mobilization (Based on 5%)	LS	1	Ť	\$39,308.30
	DEMOLITION:				, ,
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
	CONSTRUCTION:				
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 Ttreated 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	ļ	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%)		CAI	/ 13-0200	\$140,330.63
	TOTAL		_	EXHIBIT 5	\$1,089,626.08
				age 4 of 5	

NW 7 Avenue – From Broward Boulevard to NW 19 Street (10,000 ft./1.89 miles)

This project is identified as a primary bike facility on the City's multimodal connectivity map. This facility includes elements of complete streets: Lane reduction, color enhanced bike lanes, safety zone, decorative cross walk/street lights, inground LED lights, sidewalks and ADA improvements.



	Cost Estimate					
ITEMS	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	
				\$	\$ Price	
1	Mobilization (Based on 5%)	LS	1		\$47,951.92	
	DEMOLITION:					
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	8	5,000.00	\$40,000.00	
9	Existing Concrete Curb Removal (Type F)	LF		1.17	\$0.00	
10	Existing ADA Ramp Removal	EA		175.23	\$0.00	
11	Existing Asphalt Removal	EA		322.92	\$0.00	
12	Existing Pipe Removal	LF		173.00	\$0.00	
13	Existing Tree Removal	EA		300.00	\$0.00	
	CONSTRUCTION:					
14	Installing curb and gutter	LF	1000	15.00	\$15,000.00	
15	Installing ADA Ramp w/Detectable Warning	EA	80	175.23	\$14,018.40	
16	Installing Detectable Warning (2'x4')	EA		175.23	\$0.00	
17	Installing Concrete Edge Beam	LF	10000	18.00	\$180,000.00	
18	Survey	LS	1	5,000.00	\$5,000.00	
19	Relocating single post sign	EA		233.64	\$0.00	
20	Installing 6" Solid White Thermoplastic	LF	16800	0.88	\$14,784.00	
21	Installing 24" Solid White Stop Bars	LF	500	3.25	\$1,625.00	
22	Installing 18" Solid white Thermoplastic	LF	10600	1.15	\$12,190.00	
23	Install Pavement Markings (Bike symbol/Arrow)	LF	100	469.00	\$46,900.00	
24	Paint Bike lane to FHWA Standard	SF	52300	1.90	\$99,370.00	
25	Installing 8" solid White ther	EA		500.00	\$0.00	
26	Concrete sidewalk (6" thick)	SF	52300	6.00	\$313,800.00	
27	Installing Stamp Asphalt Cross Walk	SF	5000	14.00	\$70,000.00	
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	20	6,000.00	\$120,000.00	
37	Resurfacing (1" Asphalt Type III)	SY		4.75	\$0.00	
38	Utility Adjustment	LS		120,000.00	\$0.00	
39	Landscaping	LS		120,000.00	\$0.00	
	Sub-total				\$959,038.40	
	Sub-total + Mobilization (5%)				\$1,006,990.3	
	Contingency (15%)				\$151,048.55	
	Engineering FEE (17%)				\$171,188.35	
			CVI	И 13-0200		
	TOTAL				\$1,329,227.2	
				EXHIBIT 5		
				age 5 of 5		