



AP

APPENDIX D: COST ESTIMATE MATRICES

STREET LIGHTING ONLY	NW QUAD			
Undergrounding Electric Power Lines	Quantity	Unit	Unit Costs	
Appurtenances	25,000	LF	25.00	\$625,000
Fixtures & Appurtenances	Quantity	Unit	Unit Costs	
Light Poles & Fixtures Installed	378	EA	3,300.00	\$1,247,400
			Subtotal	\$1,872,400
			Mobilization / General Conditions, bonding, insurance @	0.07
			Contingency @	0.20
				\$131,068
				\$374,480
			SUB-TOTAL	\$2,377,948

NEW SIDEWALKS	NW QUAD			
	Quantity	Unit	Unit Costs	
Labor and Materials	58,495	LF	1.00	\$58,495
	Quantity	Unit	Unit Costs	
Concrete (4" with mesh)	292,475	LF	20.00	\$5,849,500
			Subtotal	\$5,907,995
			Mobilization / General Conditions, bonding, insurance @	0.07
			Contingency @	0.20
				\$413,560
				\$1,181,599
			SUB-TOTAL	\$7,503,154

CANOPY TREES	NW QUAD			
	Quantity	Unit	Unit Costs	
Canopy Tree (14' Hgt./3" Cal.)	1,037	EA	1,000.00	\$1,037,000
			Subtotal	\$1,037,000
			Mobilization / General Conditions, bonding, insurance @	0.07
			Contingency @	0.20
				\$72,590
				\$207,400
			SUB-TOTAL	\$1,316,990

BICYCLE LANES	NW QUAD			
Labor & Materials	Quantity	Unit	Unit Costs	
Flexible Barriers	6,100	LF	10.00	\$61,000
Roadway	Quantity	Unit	Unit Costs	
"Greenpave" Surface Treatment	138,272	SF	3.50	\$483,952
Right of Way	Quantity	Unit	Unit Costs	
Striping & Signage	10	LS	100.00	\$1,000
			Subtotal	\$544,952
			Mobilization / General Conditions, bonding, insurance @	0.07
			Contingency @	0.20
				\$38,147
				\$108,990
			SUB-TOTAL	\$692,089

ON-STREET PARKING	NE QUAD			
Labor & Materials	Quantity	Unit	Unit Costs	
Concrete curbing	O	LF	20.00	\$20
Roadway	Quantity	Unit	Unit Costs	
New Pavement	57,087	SF	36.00	\$2,055,132
Right of Way	Quantity	Unit	Unit Costs	
Striping & Signage	15	EA	1,500.00	\$22,500
			Subtotal	\$2,055,152
			Mobilization / General Conditions, bonding, insurance @	0.07
			Contingency @	0.20
				\$143,861
				\$411,030
			SUB-TOTAL	\$2,610,043

Hallandale Beach CRA Master Plan Update - Cost Matrix Worksheet

OPINION OF PROBABLE COSTS WORKSHEET	FOSTER ROAD (From 10th Ave - 3,700 I.f.)																NW 5th STREET (Extension of Foster - 1,300 I.f.)				PEMBROKE (SOUTH SIDE ONLY - 5,400 I.f.)				NW 8TH AVENUE (4,000 I.f.)				HALLANDALE BEACH BLVD. (NORTH SIDE ONLY - 5,400 I.f.)				DIXIE HIGHWAY (East Side Trees Only - 4,000 I.f.)				NW 3RD STREET (3,400 I.f.)				OPINION OF PROBABLE COSTS WORKSHEET	NW QUAD TOTALS																																																																																							
NW QUADRANT	Streetscape Elements (Back-of-Curb to R.O.W.)				Quantity				Unit				Unit Costs				Total				Quantity				Unit				Unit Costs				Total				Quantity				Unit				Unit Costs				Total				Streetscape Elements (Back-of-Curb to R.O.W.)																																																																												
Demolition	8,000				SY				20.00				\$160,000.00				3,600				SY				20.00				\$72,000.00				4,500				SY				20.00				\$90,000.00				8,800				SY				20.00				\$176,000.00				75				SY				20.00				\$1,500.00				3,300				SY				20.00				\$66,000.00				7,500				SY				20.00				\$150,000.00				Demolition																
Excavation/Grading	8,000				SY				30.00				\$240,000.00				3,600				SY				30.00				\$108,000.00				4,500				SY				30.00				\$135,000.00				8,800				SY				30.00				\$264,000.00				75				SY				30.00				\$2,250.00				3,300				SY				30.00				\$99,000.00				7,500				SY				30.00				\$225,000.00				Excavation/Grading																
Traffic Control (Per Intersection)	1				LS				75,000.00				\$75,000.00				1				LS				75,000.00				\$75,000.00				0				LS				75,000.00				\$0.00				0				LS				75,000.00				\$0.00				3				LS				75,000.00				\$225,000.00				1				LS				75,000.00				\$75,000.00				Traffic Control (Per Intersection)																																
Neckout Allowance (10' x 30')	16				EA				5,000.00				\$80,000.00				16				EA				5,000.00				\$80,000.00				0				EA				5,000.00				\$0.00				0				EA				5,000.00				\$0.00				0				EA				5,000.00				\$0.00				8				EA				5,000.00				\$40,000.00				Neckout Allowance (10' x 30')																																
Catch Basin Relocation/Drainage	16				LS				2,500.00				\$40,000.00				16				LS				2,500.00				\$40,000.00				0				LS				2,500.00				\$0.00				0				LS				2,500.00				\$0.00				0				LS				2,500.00				\$0.00				20				LS				2,500.00				\$50,000.00				16				LS				2,500.00				\$40,000.00				Catch Basin Relocation/Drainage																
Decorative Pavers (verge)	21,000				SF				12.00				\$252,000.00				7,500				SF				12.00				\$90,000.00				15,500				SF				12.00				\$186,000.00				0				SF				12.00				\$0.00				0				SF				12.00				\$0.00				12,800				SF				12.00				\$153,600.00				15,000				SF				12.00				\$180,000.00				Decorative Pavers (verge)																
Concrete Walk (4' with mesh)	35,000				SF				6.50				\$227,500.00				1,300				SF				6.50				\$8,450.00				26,500				SF				6.50				\$172,250.00				60,000				SF				6.50				\$390,000.00				0				SF				6.50				\$0.00				19,200				SF				6.50				\$124,800.00				30,000				SF				6.50				\$195,000.00				Concrete Walk (4' with mesh)																
12' Foot Pedestrian Light Std. (50' o.c.)	120				EA				4,500.00				\$540,000.00				32				EA				4,500.00				\$144,000.00				85				EA				4,500.00				\$382,500.00				100				EA				4,500.00				\$450,000.00				0				EA				4,500.00				\$0.00				60				EA				4,500.00				\$270,000.00				100				EA				4,500.00				\$450,000.00				12' Foot Pedestrian Light Std. (50' o.c.)																
25' Decorative Vehicular Light Std. (100' o.c.)	37				EA				3,300.00				\$122,100.00				13				EA				3,300.00				\$42,900.00				54				EA				3,300.00				\$178,200.00				40				EA				3,300.00				\$132,000.00				54				EA				3,300.00				\$178,200.00				40				EA				3,300.00				\$132,000.00				34				EA				3,300.00				\$112,200.00				25' Decorative Vehicular Light Std. (100' o.c.)																
Bollard Lighting	0				EA				1,000.00				\$0.00				20				EA				1,000.00				\$20,000.00				0				EA				1,000.00				\$0.00				0				EA				1,000.00				\$0.00				0				EA				1,000.00				\$0.00				48				EA				1,000.00				\$48,000.00				10				EA				1,000.00				\$10,000.00				Bollard Lighting																
Bench	10				EA				2,500.00				\$25,000.00				24				EA				2,500.00				\$60,000.00				10				EA				2,500.00				\$25,000.00				12				EA				2,500.00				\$30,000.00				12				EA				2,500.00				\$30,000.00				6				EA				2,500.00				\$15,000.00				Bench																																
Trash Receptacle	10				EA				950.00				\$9,500.00				12				EA				950.00				\$11,400.00				20				EA				950.00				\$19,000.00				5				EA				950.00				\$4,750.00				6				EA				950.00				\$5,700.00				3				EA				950.00				\$2,850.00				Trash Receptacle																																
Bicycle Rack (Modular - Aluminum)	5				EA				500.00				\$2,500.00				4				EA				500.00				\$2,000.00				10				EA				500.00				\$5,000.00				5				EA				500.00				\$2,500.00				3				EA				500.00				\$1,500.00				4				EA				500.00				\$2,000.00				3				EA				500.00				\$1,500.00				Bicycle Rack (Modular - Aluminum)																
Tree Grate (Cast Concrete)	100				EA				1,200.00				\$120,000.00				44				EA				1,200.00				\$52,800.00				85				EA				1,200.00				\$102,000.00				0				EA				1,200.00				\$0.00				75				EA				1,200.00				\$90,000.00				60				EA				1,200.00				\$72,000.00				80				EA				1,200.00				\$96,000.00				Tree Grate (Cast Concrete)																
Canopy Tree (14' Hgt./3' Cal.)	100				EA				1,000.00				\$100,000.00				44				EA				1,000.00				\$44,000.00				85				EA				1,000.00				\$85,000.00				150				EA				1,000.00				\$150,000.00				75				EA				1,000.00				\$75,000.00				60				EA				1,000.00				\$60,000.00				80				EA				1,000.00				\$80,000.00				Canopy Tree (14' Hgt./3' Cal.)																
Brick Seating Walls	0				LF				125.00				\$0.00				100				LF				125.00				\$12,500.00				0				LF				125.00				\$0.00				0				LF				125.00				\$0.00				0				LF				125.00				\$0.00				0				LF				125.00				\$0.00				Brick Seating Walls																																
Decorative Retaining Walls	0				SF				50.00				\$0.00				0				SF				50.00				\$0.00				0				SF				50.00				\$0.00				0				SF				50.00				\$0.00				0				SF				50.00				\$0.00				0				SF				50.00				\$0.00				Decorative Retaining Walls																																
Movable Concrete Planters	8				EA				650.00				\$5,200.00				16				EA				650.00				\$10,400.00				10				EA				650.00				\$6,500.00				0				EA				650.00				\$0.00				0				EA				650.00				\$0.00				12				EA				650.00				\$7,800.00				8				EA				650.00				\$5,200.00				Movable Concrete Planters																
Irrigation System (Per Area)	0				EA				10,000.00				\$0.00				4				EA				10,000.00				\$40,000.00				0				EA				10,000.00				\$0.00				0				EA				10,000.00				\$0.00				0				EA				10,000.00				\$0.00				0				EA				10,000.00				\$0.00				Irrigation System (Per Area)																																
Gateway Monument	0				EA				25,000.00				\$0.00				0				EA				25,000.00				\$0.00				0				EA				25,000.00				\$0.00				0				EA				25,000.00				\$0.00				0				EA				25,000.00				\$0.00				0				EA				25,000.00				\$0.00				Gateway Monument																																
Neighborhood Marker	0				EA				15,000.00				\$0.00				0				EA				15,000.00				\$0.00				0				EA				15,000.00				\$0.00				0				EA				15,000.00				\$0.00				0				EA				15,000.00				\$0.00				0				EA				15,000.00				\$0.00				Neighborhood Marker																																
Information Kiosk	2				EA				5,000.00				\$10,000.00				2				EA				5,000.00				\$10,000.00				3				EA				5,000.00				\$15,000.00				0				EA				5,000.00				\$0.00				2				EA				5,000.00				\$10,000.00				2				EA				5,000.00				\$10,000.00				1				EA				5,000.00				\$5,000.00				Information Kiosk																
Signage	0				LS				100.00				\$0.00				0				LS				100.00				\$0.00				0				LS				100.00				\$0.00				0				LS				100.00				\$0.00				0				LS				100.00				\$0.00				5				LS				100.00				\$500.00				5				LS				100.00				\$500.00				Signage																
Bus Shelter (Complete w/paving, seating, etc.)	2				LS				10,000.00				\$20,000.00				1				LS				10,000.00				\$10,000.00				2				LS				10,000.00				\$20,000.00				3				LS				10,000.00				\$30,000.00				3				LS				10,000.00				\$30,000.00				2				LS				10,000.00				\$20,000.00				0				LS				10,000.00				\$0.00				0				LS				10,000.00				\$0.00				Bus Shelter (Complete w/paving, seating, etc.)
ADA Retrofit Handicap Ramps	0				EA				2,000.00				\$0.00				0				EA				2,000.00				\$0.00				0				EA				2,000.00				\$0.00				0				EA				2,000.00				\$0.00				0				EA				2,000.00				\$0.00				0				EA				2,000.00				\$0.00				ADA Retrofit Handicap Ramps																																
Streetscape Elements Totals									\$2,028,800.00												\$933,450.00												\$1,421,450.00												\$1,624,250.00												\$424,150.00												\$1,376,400.00												\$1,683,250.00				Streetscape Elements Totals																																												
Undergrounding Electric Power Lines	Quantity				Unit				Unit Costs				Total				Quantity				Unit				Unit Costs				Total				Quantity				Unit				Unit Costs				Total				Quantity				Unit				Unit Costs				Total				Undergrounding Electric Power Lines																																																																
Labor and Materials	3,700				LF				500.00				\$1,850,000.00				1,300				LF																																																																																																												

Hallandale Beach CRA Master Plan Update - Cost Matrix Worksheet

OPINION OF PROBABLE COSTS WORKSHEET SW QUADRANT					HALLANDALE BEACH BLVD. (SOUTH SIDE ONLY - 5,400 I.f.)				SW 8TH AVENUE (4,000 I.f.)				DIXIE HIGHWAY (East Side Trees Only - 4,000 I.f.)				SW 11th STREET (DIXIE TO SW 8th - 3,400 I.f.)				SW QUAD TOTALS
Streetscape Elements (Back-of-Curb to R.O.W.)					Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	
Demolition					75	SY	20.00	\$1,500.00	9,000	SY	20.00	\$180,000.00	3,300	SY	20.00	\$66,000.00	0	SY	20.00	\$0.00	
Excavation/Grading					75	SY	30.00	\$2,250.00	9,000	SY	30.00	\$270,000.00	3,300	SY	30.00	\$99,000.00	0	SY	30.00	\$0.00	
Traffic Control (Per Intersection)					0	LS	75,000.00	\$0.00	0	LS	75,000.00	\$0.00	3	LS	75,000.00	\$225,000.00	3	LS	75,000.00	\$225,000.00	
Neckout Allowance (10' x 30')					0	EA	5,000.00	\$0.00	0	EA	5,000.00	\$0.00	0	EA	5,000.00	\$0.00	0	EA	5,000.00	\$0.00	
Catch Basin Relocation/Drainage					0	LS	2,500.00	\$0.00	0	LS	2,500.00	\$0.00	20	LS	2,500.00	\$50,000.00	0	LS	2,500.00	\$0.00	
Decorative Pavers (verge)					0	SF	12.00	\$0.00	0	SF	12.00	\$0.00	12,800	SF	12.00	\$153,600.00	0	SF	12.00	\$0.00	
Concrete Walk (4" with mesh)					0	SF	6.50	\$0.00	50,000	SF	6.50	\$325,000.00	19,200	SF	6.50	\$124,800.00	0	SF	6.50	\$0.00	
12' Foot Pedestrian Light Std. (50' o.c.)					0	EA	4,500.00	\$0.00	120	EA	4,500.00	\$540,000.00	60	EA	4,500.00	\$270,000.00	0	EA	4,500.00	\$0.00	
25' Decorative Vehicular Light Std. (100' o.c.)					0	EA	3,300.00	\$0.00	10	EA	3,300.00	\$33,000.00	12	EA	3,300.00	\$39,600.00	0	EA	3,300.00	\$0.00	
Bollard Lighting					0	EA	1,000.00	\$0.00	0	EA	1,000.00	\$0.00	48	EA	1,000.00	\$48,000.00	0	EA	1,000.00	\$0.00	
Bench					12	EA	2,500.00	\$30,000.00	10	EA	2,500.00	\$25,000.00	12	EA	2,500.00	\$30,000.00	6	EA	2,500.00	\$15,000.00	
Trash Receptacle					6	EA	950.00	\$5,700.00	5	EA	950.00	\$4,750.00	6	EA	950.00	\$5,700.00	3	EA	950.00	\$2,850.00	
Bicycle Rack (Modular - Aluminum)					3	EA	500.00	\$1,500.00	5	EA	500.00	\$2,500.00	4	EA	500.00	\$2,000.00	0	EA	500.00	\$0.00	
Tree Grate (Cast Concrete)					75	EA	1,200.00	\$90,000.00	0	EA	1,200.00	\$0.00	60	EA	1,200.00	\$72,000.00	0	EA	1,200.00	\$0.00	
Canopy Tree (14' Hgt./3" Cal.)					75	EA	1,000.00	\$75,000.00	120	EA	2,500.00	\$300,000.00	60	EA	2,500.00	\$150,000.00	30	EA	2,500.00	\$75,000.00	
Brick Seating Walls					0	LF	125.00	\$0.00	0	LF	125.00	\$0.00	0	LF	125.00	\$0.00	0	LF	125.00	\$0.00	
Decorative Retaining Walls					0	SF	50.00	\$0.00	0	SF	50.00	\$0.00	0	SF	50.00	\$0.00	0	SF	50.00	\$0.00	
Movable Concrete Planters					0	EA	650.00	\$0.00	0	EA	650.00	\$0.00	12	EA	650.00	\$7,800.00	0	EA	650.00	\$0.00	
Irrigation System (Per Area)					0	EA	10,000.00	\$0.00	0	EA	10,000.00	\$0.00	0	EA	10,000.00	\$0.00	0	EA	10,000.00	\$0.00	
Gateway Monument					0	EA	25,000.00	\$0.00	0	EA	25,000.00	\$0.00	0	EA	25,000.00	\$0.00	0	EA	25,000.00	\$0.00	
Neighborhood Marker					0	EA	15,000.00	\$0.00	0	EA	15,000.00	\$0.00	0	EA	15,000.00	\$0.00	2	EA	15,000.00	\$30,000.00	
Information Kiosk					2	EA	5,000.00	\$10,000.00	0	EA	5,000.00	\$0.00	2	EA	5,000.00	\$10,000.00	0	EA	5,000.00	\$0.00	
Signage					0	LS	100.00	\$0.00	5	LS	100.00	\$500.00	5	LS	100.00	\$500.00	10	LS	100.00	\$1,000.00	
Bus Shelter (Complete w/paving, seating, etc.)					3	LS	10,000.00	\$30,000.00	3	LS	10,000.00	\$30,000.00	2	LS	10,000.00	\$20,000.00	0	LS	10,000.00	\$0.00	
ADA Retrofit Handicap Ramps					0	EA	2,000.00	\$0.00	0	EA	2,000.00	\$0.00	0	EA	2,000.00	\$0.00	0	EA	2,000.00	\$0.00	
Streetscape Elements Totals								\$245,950.00				\$1,710,750.00				\$1,374,000.00				\$348,850.00	
Undergrounding Electric Power Lines					Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	
Labor and Materials					0	LF	500.00	\$0.00	4,000	LF	500.00	\$2,000,000.00	4,000	LF	500.00	\$2,000,000.00	4,000	LF	500.00	\$2,000,000.00	
Undergrounding Electric Power LinesTotals								\$0.00				\$2,000,000.00				\$2,000,000.00	0			\$2,000,000.00	
Roadways (Back-of-Curb to Back-of-Curb)					Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	
Right of Way Acquisiiton					0	LS	2,000.00	\$0.00	0	LS	2,000.00	\$0.00	0	LS	2,000.00	\$0.00	0	LS	2,000.00	\$0.00	
Demolition					1,800	SY	20.00	\$36,000.00	0	SY	20.00	\$0.00	2,500	SY	20.00	\$50,000.00	0	SY	20.00	\$0.00	
Excavation/Grading					1,800	SY	30.00	\$54,000.00	0	SY	30.00	\$0.00	2,500	SY	30.00	\$75,000.00	0	SY	30.00	\$0.00	
Drainage Repair & Replacement					4	EA	3,500.00	\$14,000.00	0	EA	3,500.00	\$0.00	5	EA	3,500.00	\$17,500.00	0	EA	3,500.00	\$0.00	
Saw-Cut & Repair Existing Paving					200	SY	50.00	\$10,000.00	0	SY	50.00	\$0.00	2,500	SY	50.00	\$125,000.00	0	SY	50.00	\$0.00	
Asphalt Paving					1,800	SY	36.00	\$64,800.00	0	SY	36.00	\$0.00	2,500	SY	36.00	\$90,000.00	0	SY	36.00	\$0.00	
Curb & Gutter					1,000	LF	20.00	\$20,000.00	0	LF	20.00	\$0.00	3,000	LF	20.00	\$60,000.00	0	LF	20.00	\$0.00	
Raised Crosswalks / Textured Asphalt					4	EA	5,000.00	\$20,000.00	0	EA	5,000.00	\$0.00	3	EA	5,000.00	\$15,000.00	0	EA	5,000.00	\$0.00	
Signalized Crossings					0	EA	50,000.00	\$0.00	0	EA	50,000.00	\$0.00	2	EA	50,000.00	\$100,000.00	0	EA	50,000.00	\$0.00	
Signage & Striping for On-Street Parking					8	LS	1,500.00	\$12,000.00	0	EA	1,500.00	\$0.00	0	EA	1,500.00	\$0.00	0	EA	1,500.00	\$0.00	
ADA Handicap Ramps					0	EA	2,000.00	\$0.00	0	EA	2,000.00	\$0.00	0	EA	2,000.00	\$0.00	0	EA	2,000.00	\$0.00	
Roadways (Back-of-Curb to Back-of-Curb) Totals								\$230,800.00				\$0.00				\$532,500.00				\$0.00	
													</								



STREET LIGHTING ONLY	SW QUAD			
Undergrounding Electric Power Lines	Quantity	Unit	Unit Costs	
Appurtenances	27,500	LF	25.00	\$687,500
Fixtures & Appurtenances	Quantity	Unit	Unit Costs	
Light Poles & Fixtures Installed	430	EA	3,300.00	\$1,419,000
			Subtotal	\$2,106,500
Mobilization / General Conditions, bonding, insurance @			0.07	\$147,455
Contingency @			0.20	\$421,300
			SUB-TOTAL	\$2,675,255

NEW SIDEWALKS	SW QUAD			
	Quantity	Unit	Unit Costs	
Labor and Materials	82,512	LF	1.00	\$82,512
	Quantity	Unit	Unit Costs	
Concrete (4" with mesh)	412,560	LF	20.00	\$8,251,200
			Subtotal	\$8,333,712
Mobilization / General Conditions, bonding, insurance @			0.07	\$583,360
Contingency @			0.20	\$1,666,742
			SUB-TOTAL	\$10,583,814

CANOPY TREES	SW QUAD			
	Quantity	Unit	Unit Costs	
Canopy Tree (14' Hgt./3" Cal.)	1,413	EA	1,000.00	\$1,413,000
			Subtotal	\$1,413,000
Mobilization / General Conditions, bonding, insurance @			0.07	\$98,910
Contingency @			0.20	\$282,600
			SUB-TOTAL	\$1,794,510

BICYCLE LANES	SW QUAD			
Labor & Materials	Quantity	Unit	Unit Costs	
Flexible Barriers	13,500	LF	10.00	\$135,000
Roadway	Quantity	Unit	Unit Costs	
"Greenpave" Surface Treatment	141,540	SF	3.50	\$495,390
Right of Way	Quantity	Unit	Unit Costs	
Striping & Signage	10	LS	100.00	\$1,000
			Subtotal	\$630,390
Mobilization / General Conditions, bonding, insurance @			0.07	\$44,127
Contingency @			0.20	\$126,078
			SUB-TOTAL	\$800,595

ON-STREET PARKING	NE QUAD			
Labor & Materials	Quantity	Unit	Unit Costs	
Concrete curbing	O	LF	20.00	\$20
Roadway	Quantity	Unit	Unit Costs	
New Pavement	48,258	SF	36.00	\$1,737,288
Right of Way	Quantity	Unit	Unit Costs	
Striping & Signage	15	EA	1,500.00	\$22,500
			Subtotal	\$1,737,308
Mobilization / General Conditions, bonding, insurance @			0.07	\$121,612
Contingency @			0.20	\$347,462
			SUB-TOTAL	\$2,206,381

STREET LIGHTING ONLY	NE QUAD			
Undergrounding Electric Power Lines	Quantity	Unit	Unit Costs	
Appurtenances	1,350	LF	25.00	\$33,750
Fixtures & Appurtenances	Quantity	Unit	Unit Costs	
Light Poles & Fixtures Installed	308	EA	4,500.00	\$1,386,000
			Subtotal	\$1,419,750
Mobilization / General Conditions, bonding, insurance @			0.07	\$99,383
Contingency @			0.20	\$283,950
			SUB-TOTAL	\$1,803,083

NEW SIDEWALKS	NE QUAD			
	Quantity	Unit	Unit Costs	
Labor and Materials	36,141	LF	1.00	\$36,141
	Quantity	Unit	Unit Costs	
Concrete	180,705	SF	6.50	\$1,174,583
			Subtotal	\$1,210,724
Mobilization / General Conditions, bonding, insurance @			0.07	\$84,751
Contingency @			0.20	\$242,145
			SUB-TOTAL	\$1,537,619

CANOPY TREES	NE QUAD			
	Quantity	Unit	Unit Costs	
Canopy Trees	925	EA	1,000.00	\$925,000
			Subtotal	\$925,000
Mobilization / General Conditions, bonding, insurance @			0.07	\$64,750
Contingency @			0.20	\$185,000
			SUB-TOTAL	\$1,174,750

BICYCLE LANES	NE QUAD			
Labor & Materials	Quantity	Unit	Unit Costs	
Flexible Barriers	8,000	LF	10.00	\$80,000
Roadway	Quantity	Unit	Unit Costs	
"Greenpave" Surface Treatment	68,200	SF	3.50	\$238,700
Right of Way	Quantity	Unit	Unit Costs	
Striping & Signage	10	LS	100.00	\$1,000
			Subtotal	\$318,700
Mobilization / General Conditions, bonding, insurance @			0.07	\$22,309
Contingency @			0.20	\$63,740
			SUB-TOTAL	\$404,749

ON-STREET PARKING	NE QUAD			
Labor & Materials	Quantity	Unit	Unit Costs	
Concrete curbing	O	LF	20.00	\$20
Roadway	Quantity	Unit	Unit Costs	
New Pavement	60,741	SF	36.00	\$2,186,676
Right of Way	Quantity	Unit	Unit Costs	
Striping & Signage	15	EA	1,500.00	\$22,500
			Subtotal	\$2,186,696
Mobilization / General Conditions, bonding, insurance @			0.07	\$153,069
Contingency @			0.20	\$437,339
			SUB-TOTAL	\$2,777,104

STREET LIGHTING ONLY		SE QUAD			
Undergrounding Electric Power Lines	Quantity	Unit	Unit Costs		
Appurtenances	905	LF	25.00		\$22,625
Fixtures & Appurtenances	Quantity	Unit	Unit Costs		
Light Poles & Fixtures Installed @ 75' O.C.	31	EA	4,500.00		\$139,500
			Subtotal		\$162,125
Mobilization / General Conditions, bonding, insurance @			0.07		\$11,349
Contingency @			0.20		\$32,425
			SUB-TOTAL		\$205,899

NEW SIDEWALKS		SE QUAD			
	Quantity	Unit	Unit Costs		
Labor and Materials	30,481	LF	1.00		\$30,481
	Quantity	Unit	Unit Costs		
Concrete	152,405	SF	6.50		\$990,633
			Subtotal		\$1,021,114
Mobilization / General Conditions, bonding, insurance @			0.07		\$71,478
Contingency @			0.20		\$204,223
			SUB-TOTAL		\$1,296,814

CANOPY TREES		SE QUAD			
	Quantity	Unit	Unit Costs		
Canopy Trees	606	EA	1,000.00		\$606,000
			Subtotal		\$606,000
Mobilization / General Conditions, bonding, insurance @			0.07		\$42,420
Contingency @			0.20		\$121,200
			SUB-TOTAL		\$769,620

BICYCLE LANES		SE QUAD			
Labor & Materials	Quantity	Unit	Unit Costs		
Flexible Barriers	8,000	LF	10.00		\$80,000
Roadway	Quantity	Unit	Unit Costs		
"Greenpave" Surface Treatment	34,200	SF	3.50		\$119,700
Right of Way	Quantity	Unit	Unit Costs		
Striping & Signage	10	LS	100.00		\$1,000
			Subtotal		\$199,700
Mobilization / General Conditions, bonding, insurance @			0.07		\$13,979
Contingency @			0.20		\$39,940
			SUB-TOTAL		\$253,619

BRIDGE / TOWERS		SE QUAD			
Labor & Materials	Quantity	Unit	Unit Costs		
Tower Structures	1	EA	5,000,000.00		\$5,000,000
Roadway	Quantity	Unit	Unit Costs		
Bridge & Approaches	1	EA	2,000,000.00		\$2,000,000
			Subtotal		\$7,000,000
Mobilization / General Conditions, bonding, insurance @			0.07		\$490,000
Contingency @			0.20		\$1,400,000
			SUB-TOTAL		\$8,890,000

ON-STREET PARKING		SE QUAD			
Labor & Materials	Quantity	Unit	Unit Costs		
Concrete curbing	0	LF	20.00		\$0
Roadway	Quantity	Unit	Unit Costs		
New Pavement	11,592	SF	36.00		\$417,312
Right of Way	Quantity	Unit	Unit Costs		
Striping & Signage	15	EA	1,500.00		\$22,500
			Subtotal		\$417,312
Mobilization / General Conditions, bonding, insurance @			0.07		\$29,212
Contingency @			0.20		\$83,462

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Hallandale Beach CRA Master Plan Update - Cost Matrix Worksheet

OPINION OF PROBABLE COSTS WORKSHEET NE/SE QUADRANTS				HALLANDALE BEACH BLVD. (2,700 l.f.)				FEDERAL HIGHWAY (US1 - 8,000 l.f.)				NE 14th AVENUE (600 l.f. MOFFET ST to ATLANTIC SHORES)				SE 1st AVENUE (8,000 L.F.)				ATLANTIC SHORES BLVD. (BIORETENTION & 10' TRAIL - 2,800 l.f.)				OPINION OF PROBABLE COSTS WORKSHEET				NE/SE QUAD TOTALS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Streetscape Elements (Back-of-Curb to R.O.W.)				Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Streetscape Elements (Back-of-Curb to R.O.W.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Demolition				6,000	SY	20.00	\$120,000.00	0	SY	20.00	\$0.00	400	SY	20.00	\$8,000.00	1,500	SY	20.00	\$30,000.00	3,000	SY	20.00	\$60,000.00	Demolition																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Excavation/Grading				6,000	SY	30.00	\$180,000.00	0	SY	30.00	\$0.00	400	SY	30.00	\$12,000.00	4,000	SY	30.00	\$120,000.00	3,000	SY	30.00	\$90,000.00	Excavation/Grading																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Traffic Control (Per Intersection)				0	LS	75,000.00	\$0.00	0	LS	75,000.00	\$0.00	0	LS	75,000.00	\$0.00	0	LS	75,000.00	\$0.00	0	LS	75,000.00	\$0.00	Traffic Control (Per Intersection)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Neckout Allowance (10' x 30')				0	EA	5,000.00	\$0.00	0	EA	5,000.00	\$0.00	8	EA	5,000.00	\$40,000.00	0	EA	5,000.00	\$0.00	0	EA	5,000.00	\$0.00	Neckout Allowance (10' x 30')																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Catch Basin Relocation/Drainage				0	LS	2,500.00	\$0.00	R	LS	2,500.00	\$2,500.00	4	LS	2,500.00	\$10,000.00	0	LS	2,500.00	\$0.00	25	LS	2,500.00	\$62,500.00	Catch Basin Relocation/Drainage																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Decorative Pavers (verge)				12,000	SF	12.00	\$144,000.00	0	SF	12.00	\$0.00	0	SF	12.00	\$0.00	0	SF	12.00	\$0.00	0	SF	12.00	\$0.00	Decorative Pavers (verge)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Concrete Walk (4" with mesh)				20,000	SF	6.50	\$130,000.00	0	SF	6.50	\$0.00	0	SF	6.50	\$0.00	50,000	SF	6.50	\$325,000.00	22,000	SF	6.50	\$143,000.00	Concrete Walk (4" with mesh)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
12' Foot Pedestrian Light Std. (50' o.c.)				130	EA	4,500.00	\$585,000.00	200	EA	4,500.00	\$900,000.00	10	EA	4,500.00	\$45,000.00	100	EA	4,500.00	\$450,000.00	35	EA	4,500.00	\$157,500.00	12' Foot Pedestrian Light Std. (50' o.c.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
25' Decorative Vehicular Light Std. (100' o.c.)				27	EA	3,300.00	\$89,100.00	0	EA	3,300.00	\$0.00	0	EA	3,300.00	\$0.00	8	EA	3,300.00	\$26,400.00	0	EA	3,300.00	\$0.00	25' Decorative Vehicular Light Std. (150' o.c.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Bollard Lighting				0	EA	1,000.00	\$0.00	0	EA	1,000.00	\$0.00	0	EA	1,000.00	\$0.00	0	EA	1,000.00	\$0.00	0	EA	1,000.00	\$0.00	Bollard Lighting																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Bench				0	EA	2,500.00	\$0.00	0	EA	2,500.00	\$0.00	0	EA	2,500.00	\$0.00	10	EA	2,500.00	\$25,000.00	8	EA	2,500.00	\$20,000.00	Bench																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Trash Receptacle				0	EA	950.00	\$0.00	0	EA	950.00	\$0.00	0	EA	950.00	\$0.00	5	EA	950.00	\$4,750.00	4	EA	950.00	\$3,800.00	Trash Receptacle																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Bicycle Rack (Modular - Aluminum)				0	EA	500.00	\$0.00	0	EA	500.00	\$0.00	0	EA	500.00	\$0.00	3	EA	500.00	\$1,500.00	2	EA	500.00	\$1,000.00	Bicycle Rack (Modular - Aluminum)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Tree Grate (Cast Concrete)				50	EA	1,200.00	\$60,000.00	0	EA	1,200.00	\$0.00	0	EA	1,200.00	\$0.00	0	EA	1,200.00	\$0.00	0	EA	1,200.00	\$0.00	Tree Grate (Cast Concrete)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Canopy Tree (14' Hgt./3" Cal.)				50	EA	1,000.00	\$50,000.00	0	EA	2,500.00	\$0.00	6	EA	2,500.00	\$15,000.00	0	EA	2,500.00	\$0.00	45	EA	2,500.00	\$112,500.00	Canopy Tree (16' Hgt./6" Cal.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Brick Seating Walls				0	LF	125.00	\$0.00	0	LF	125.00	\$0.00	0	LF	125.00	\$0.00	0	LF	125.00	\$0.00	0	LF	125.00	\$0.00	Brick Seating Walls																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Decorative Retaining Walls				0	SF	50.00	\$0.00	0	SF	50.00	\$0.00	0	SF	50.00	\$0.00	0	SF	50.00	\$0.00	0	SF	50.00	\$0.00	Decorative Retaining Walls																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Movable Concrete Planters				0	EA	650.00	\$0.00	0	EA	650.00	\$0.00	0	EA	650.00	\$0.00	0	EA	650.00	\$0.00	0	EA	650.00	\$0.00	Movable Concrete Planters																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Irrigation System (Per Area)				0	EA	10,000.00	\$0.00	0	EA	10,000.00	\$0.00	0	EA	10,000.00	\$0.00	0	EA	10,000.00	\$0.00	0	EA	10,000.00	\$0.00	Irrigation System (Per Area)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Gateway Monument				0	EA	25,000.00	\$0.00	0	EA	25,000.00	\$0.00	0	EA	25,000.00	\$0.00	0	EA	25,000.00	\$0.00	0	EA	25,000.00	\$0.00	Gateway Monument																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Neighborhood Marker				1	EA	15,000.00	\$15,000.00	2	EA	15,000.00	\$30,000.00	1	EA	15,000.00	\$15,000.00	0	EA	15,000.00	\$0.00	0	EA	15,000.00	\$0.00	Neighborhood Marker																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Information Kiosk				0	EA	5,000.00	\$0.00	0	EA	5,000.00	\$0.00	0	EA	5,000.00	\$0.00	0	EA	5,000.00	\$0.00	0	EA	5,000.00	\$0.00	Information Kiosk																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Signage				0	LS	100.00	\$0.00	0	LS	100.00	\$0.00	10	LS	100.00	\$1,000.00	0	LS	100.00	\$0.00	5	LS	100.00	\$500.00	Signage																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Bus Shelter (Complete w/paving, seating, etc.)				0	LS	10,000.00	\$0.00	0	LS	10,000.00	\$0.00	0	LS	10,000.00	\$0.00	0	LS	10,000.00	\$0.00	0	LS	10,000.00	\$0.00	Bus Shelter (Complete w/paving, seating, etc.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
ADA Retrofit Handicap Ramps				0	EA	2,000.00	\$0.00	0	EA	2,000.00	\$0.00	0	EA	2,000.00	\$0.00	0	EA	2,000.00	\$0.00	0	EA	2,000.00	\$0.00	ADA Retrofit Handicap Ramps																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Streetscape Elements Totals							\$1,373,100.00				\$932,500.00					\$146,000.00				\$982,650.00			\$650,800.00	Streetscape Elements Totals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Undergrounding Electric Power Lines				Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Undergrounding Electric Power Lines																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Labor and Materials				2,700	LF	500.00	\$1,350,000.00	0	LF	500.00	\$0.00	0	LF	500.00	\$0.00	8,000	LF	500.00	\$4,000,000.00	0	LF	500.00	\$0.00	Labor and Materials																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Undergrounding Electric Power LinesTotals							\$1,350,000.00	0			\$0.00				\$0.00				\$4,000,000.00	0			\$0.00	Undergrounding Electric Power LinesTotals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Roadways (Back-of-Curb to Back-of-Curb)				Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Roadways (Back-of-Curb to Back-of-Curb)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Right of Way Acquisiiton				0	LS	2,000.00	\$0.00	0	LS	2,000.00	\$0.00	0	LS	2,000.00	\$0.00	0	LS	2,000.00	\$0.00	0	LS	2,000.00	\$0.00	Right of Way Acquisiiton																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Demolition				0	SY	20.00	\$0.00	0	SY	20.00	\$0.00	100	SY	20.00	\$2,000.00	4,000	SY	20.00	\$80,000.00	0	SY	20.00	\$0.00	Demolition																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Excavation/Grading				0	SY	30.00	\$0.00	0	SY	30.00	\$0.00	0	SY	30.00	\$0.00	4,000	SY	30.00	\$120,000.00	0	SY	30.00	\$0.00	Excavation/Grading																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Drainage Repair & Replacement				0	EA	3,500.00	\$0.00	0	EA	3,500.00	\$0.00	0	EA	3,500.00	\$0.00	8	EA	3,500.00	\$28,000.00	0	EA	3,500.00	\$0.00	Drainage Repair & Replacement																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Saw-Cut & Repair Existing Paving				0	SY	50.00	\$0.00	0	SY	50.00	\$0.00	0	SY	50.00	\$0.00	500	SY	50.00	\$25,000.00	0	SY	50.00	\$0.00	Saw-Cut & Repair Existing Paving																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Asphalt Paving				0	SY	36.00	\$0.00	0	SY	36.00	\$0.00	100	SY	36.00	\$3,600.00	500	SY	36.00	\$18,000.00	0	SY	36.00	\$0.00	Asphalt Paving																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Curb & Gutter				0	LF	20.00	\$0.00	0	LF	20.00	\$0.00	0	LF	20.00	\$0.00	5,000	LF	20.00	\$100,000.00	0	LF	20.00	\$0.00	Curb & Gutter																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Raised Crosswalks / Textured Asphalt				0	EA	5,000.00	\$0.00	0	EA	5,000.00	\$0.00	0	EA	5,000.00	\$0.00	4	EA	5,000.00	\$20,000.00	0	EA	5,000.00	\$0.00	Raised Crosswalks / Textured Asphalt																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Signalized Crossings				0	EA	50,000.00	\$0.00	0	EA	50,000.00	\$0.00	0	EA	50,000.00	\$0.00	0	EA	50,000.00	\$0.00	0	EA	50,000.00	\$0.00	Signalized Crossings																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Signage & Striping for On-Street Parking				0	LS	1,500.00	\$0.00	0	EA	1,500.00	\$0.00	4	EA	1,500.00	\$6,000.00	0	EA	1,500.00	\$0.00	0	EA	1,500.00	\$0.00	Signage & Striping for On-Street Parking																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
ADA Handicap Ramps				0	EA	2,000.00	\$0.00	0	EA	2,000.00	\$0.00	0	EA	2,000.00	\$0.00	0	EA	2,000.00	\$0.00	0	EA	2,000.00	\$0.00	ADA Handicap Ramps																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Roadways (Back-of-Curb to Back-of-Curb) Totals							\$0.00				\$0.00				\$11,600.00				\$391,000.00				\$0.00	Roadways (Back-of-Curb to Back-of-Curb) Totals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Subtotal						\$2,723,100.00		Subtotal						\$932,500.00		Subtotal						\$157,600.00		Subtotal																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

Hallandale Beach CRA Master Plan Update - Cost Matrix Worksheet

OPINION OF PROBABLE COSTS WORKSHEET HARLEM VILLAGE							Project Total
Urban Plaza Elements				Quantity	Unit	Unit Costs	Total
Demolition				9,000	SY	10.00	\$90,000.00
Excavation/Grading				9,000	SY	15.00	\$135,000.00
Catch Basin Relocation/Drainage				5	LS	2,500.00	\$12,500.00
Utility Systems Allowance				1	LS	20,000.00	\$20,000.00
Brick Paving				16,000	SF	15.00	\$240,000.00
Decorative Concrete Paving				16,000	SF	8.00	\$128,000.00
Specialty Lighting				1	EA	25,000.00	\$25,000.00
Bollard Lighting				16	EA	1,000.00	\$16,000.00
Site Furniture Allowance				1	LS	20,000.00	\$20,000.00
Tree Structural Systems				1	LS	50,000.00	\$50,000.00
Canopy Tree (16' Hgt./6" Cal.)				30	EA	2,500.00	\$75,000.00
Amenity Palms (25' c.t.)				15	EA	5,000.00	\$75,000.00
Decorative Landscaping				3,000	SY	50.00	\$150,000.00
Decorative Retaining Walls				0	SF	50.00	\$0.00
Large Tower				0	EA	50,000.00	\$0.00
Small Tower				0	EA	20,000.00	\$0.00
Bioretention Systems				1	LS	100,000.00	\$100,000.00
Seat Walls				100	LF	150.00	\$15,000.00
Movable Concrete Planters				20	EA	650.00	\$13,000.00
Irrigation System (Per Area)				2	LS	10,000.00	\$20,000.00
Interactive Wayfinding & Signs				2	LS	50,000.00	\$100,000.00
Interactive Fountain/Water Display				0	EA	250,000.00	\$0.00
Public Art Allowance				1	EA	10,000.00	\$10,000.00
Urban Plaza Elements Totals							\$1,294,500.00
Park Elements				Quantity	Unit	Unit Costs	Total
Stage / Performance Platform				1	EA	150,000.00	\$150,000.00
Public Restroom Building				1	EA	50,000.00	\$50,000.00
Park Elements							\$200,000.00
Roadways (Back-of-Curb to Back-of-Curb)				Quantity	Unit	Unit Costs	Total
Demolition				0	SY	10.00	\$0.00
Excavation/Grading				0	SY	15.00	\$0.00
Drainage Repair & Replacement				0	EA	3,500.00	\$0.00
Right-of-Way Acquisition				0	SY	10.00	\$0.00
Saw-Cut & Repair Existing Paving				0	SY	50.00	\$0.00
Asphalt Paving				0	SY	18.00	\$0.00
Curb & Gutter				0	LF	12.00	\$0.00
Raised Crosswalks / Textured Asphalt				0	EA	5,000.00	\$0.00
Signed Crossings				0	EA	50,000.00	\$0.00
ADA Handicap Ramps				0	EA	2,000.00	\$0.00
Charles Graves Bridge (GDOT Funding)				0	LS	275,000.00	\$0.00
Gateway Pergola (including ramps)				0	EA	50,000.00	\$0.00
Roadways (Back-of-Curb to Back-of-Curb) Totals							\$0.00
BUILDINGS				Quantity	Unit	Unit Costs	Total
Building 1 - Townhome				14,400	SF	270.00	\$3,888,000.00
Building 2 - Mixed Use				197,150	SF	516.00	\$101,729,400.00
Building 3 - Townhome				24,000	SF	270.00	\$6,480,000.00
Building 4 - Mixed Use				208,400	SF	516.00	\$107,534,400.00
Building 5 - Mixed Use				40,800	SF	516.00	\$21,052,800.00
Building 6 - Mixed Use				195,300	SF	516.00	\$100,774,800.00
Building 7 - Townhome				14,400	SF	270.00	\$3,888,000.00
Building 8 - Townhome				14,400	SF	270.00	\$3,888,000.00
Building 9 - Community Center				85,400	SF	324.00	\$27,669,600.00
Building 10 - Performance Center				20,300	SF	741.00	\$15,042,300.00
Building 11 - Neighborhood Commercial				43,300	SF	267.00	\$11,561,100.00
Building 12 - Neighborhood Commercial				43,300	SF	267.00	\$11,561,100.00
Building 13 - Townhome				24,000	SF	270.00	\$6,480,000.00
Building 14 - Mixed Use				240,500	SF	516.00	\$124,098,000.00
Building 15 - Parking Garage				240,000	SF	56.00	\$13,440,000.00
Building 16 - Hotel				237,900	SF	771.00	\$183,420,900.00
Building 17 - Office Retail				258,300	SF	593.00	\$153,171,900.00
Building 18 - Office Retail				243,800	SF	593.00	\$144,573,400.00
Building 19 - Mixed Use				198,000	SF	593.00	\$117,414,000.00
Building 20 - Hotel				233,400	SF	771.00	\$179,951,400.00
Buildings				2,577,050	SF		\$1,337,619,100.00

Hallandale Beach CRA Master Plan Update - Cost Matrix Worksheet

OPINION OF PROBABLE COSTS WORKSHEET				Project Total			
HALLANDALE DOWNTOWN CENTER							
Urban Plaza Elements				Quantity	Unit	Unit Costs	Total
Demolition				33,000	SY	10.00	\$330,000.00
Excavation/Grading				33,000	SY	15.00	\$495,000.00
Catch Basin Relocation/Drainage				5	LS	2,500.00	\$12,500.00
Utility Systems Allowance				5	LS	20,000.00	\$100,000.00
Decorative Pavers				75,000	SF	15.00	\$1,125,000.00
Decorative Concrete Paving				20,000	SF	8.00	\$160,000.00
Specialty Lighting				5	EA	25,000.00	\$125,000.00
Bollard Lighting				20	EA	1,000.00	\$20,000.00
Site Furniture Allowance				2	LS	20,000.00	\$40,000.00
Tree Structural Systems				1	LS	50,000.00	\$50,000.00
Canopy Tree (16' Hgt./6" Cal.)				100	EA	2,500.00	\$250,000.00
Amenity Palms (25' c.t.)				50	EA	5,000.00	\$250,000.00
Decorative Landscaping				6,000	SY	50.00	\$300,000.00
Decorative Retaining Walls				3,000	SF	50.00	\$150,000.00
Large Tower				2	EA	50,000.00	\$100,000.00
Small Tower				10	EA	20,000.00	\$200,000.00
Bioretention Systems				5	LS	100,000.00	\$500,000.00
Seat Walls				300	LF	150.00	\$45,000.00
Movable Concrete Planters				25	EA	650.00	\$16,250.00
Irrigation System (Per Area)				5	LS	10,000.00	\$50,000.00
Interactive Wayfinding & Signs				2	LS	50,000.00	\$100,000.00
Interactive Fountain/Water Display				1	EA	250,000.00	\$250,000.00
Public Art Allowance				5	EA	10,000.00	\$50,000.00
Urban Plaza Elements Totals							\$4,718,750.00
Park Elements				Quantity	Unit	Unit Costs	Total
Stage / Performance Platform				1	EA	150,000.00	\$150,000.00
Public Restroom Building				1	EA	50,000.00	\$50,000.00
Park Elements							\$200,000.00
Roadways (Back-of-Curb to Back-of-Curb)				Quantity	Unit	Unit Costs	Total
Demolition				0	SY	10.00	\$0.00
Excavation/Grading				0	SY	15.00	\$0.00
Drainage Repair & Replacement				0	EA	3,500.00	\$0.00
Right-of-Way Acquisition				0	SY	10.00	\$0.00
Saw-Cut & Repair Existing Paving				0	SY	50.00	\$0.00
Asphalt Paving				0	SY	18.00	\$0.00
Curb & Gutter				0	LF	12.00	\$0.00
Raised Crosswalks / Textured Asphalt				0	EA	5,000.00	\$0.00
Signalized Crossings				0	EA	50,000.00	\$0.00
ADA Handicap Ramps				0	EA	2,000.00	\$0.00
Charles Graves Bridge (GDOT Funding)				0	LS	275,000.00	\$0.00
Gateway Pergola (including ramps)				0	EA	50,000.00	\$0.00
Roadways (Back-of-Curb to Back-of-Curb) Totals							\$0.00
BUILDINGS				Quantity	Unit	Unit Costs	Total
Building 1 - Transit Station - Retail				36,400	SF	\$516.00	\$18,782,400.00
Building 2 - Office-Retail				253,200	SF	\$593.00	\$150,147,600.00
Building 3 - Office-Retail				224,000	SF	\$593.00	\$132,832,000.00
Building 4 - Mixed-Use				163,200	SF	\$516.00	\$84,211,200.00
Building 5 - Mixed-Use				233,600	SF	\$516.00	\$120,537,600.00
Building 6 - Mixed-Use				240,200	SF	\$516.00	\$123,943,200.00
Building 7 - Neighborhood Retail				11,900	SF	\$266.50	\$3,171,350.00
Building 8 - Neighborhood Retail				11,900	SF	\$266.50	\$3,171,350.00
Building 9 - Neighborhood Retail				11,900	SF	\$266.50	\$3,171,350.00
Building 10 - Neighborhood Retail				11,900	SF	\$516.00	\$6,140,400.00
Building 11 - Mixed-Use				318,100	SF	\$516.00	\$164,139,600.00
Building 12 - Mixed-Use				326,500	SF	\$266.50	\$87,012,250.00
Building 13 - City Hall				152,100	SF	\$542.00	\$82,438,200.00
Building 14 - Neighborhood Retail				10,500	SF	\$266.50	\$2,798,250.00
Building 15 - Office-Parking Garage				317,296	SF	\$516.00	\$163,724,736.00
Building 16 - Performing Arts Center				216,100	SF	\$822.00	\$177,634,200.00
Building 17 - Office-Retail				333,200	SF	\$593.00	\$197,587,600.00
Building 18 - Mixed-Use				341,200	SF	\$516.00	\$176,059,200.00
Building 19 - Mixed-Use				212,400	SF	\$516.00	\$109,598,400.00
Building 20 - Townhomes				57,600	SF	\$270.00	\$15,552,000.00
Building 21 - Townhomes				38,400	SF	\$270.00	\$10,368,000.00
Building 22 - Townhomes				28,800	SF	\$270.00	\$7,776,000.00
Buildings				3,483,196	SF		\$1,840,796,886.00
PUBLIC ONLY							\$423,797,136.00

Hallandale Beach CRA Master Plan Update - Cost Matrix Worksheet

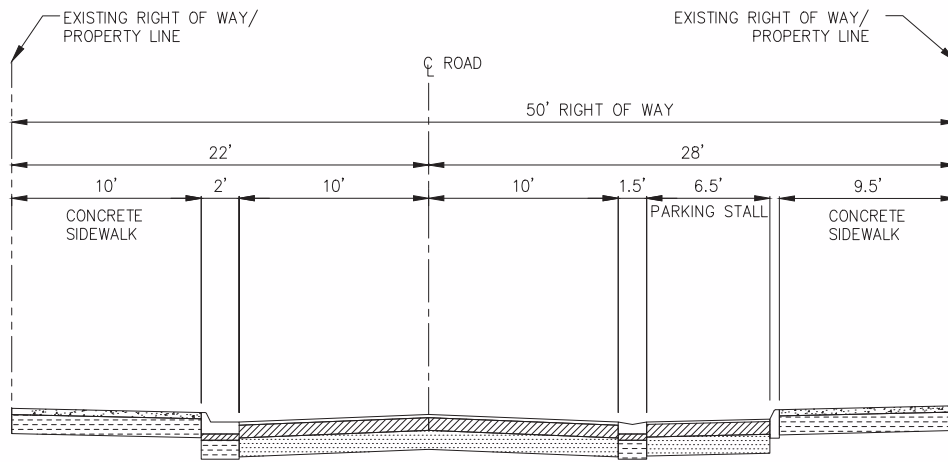
OPINION OF PROBABLE COSTS WORKSHEET ARTS TRAIL				NW				SW				NE/SE				EAST OF CRA (HALLANDALE BLVD. TO BEACH)				Project Total	
Trail Elements	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Total			
Maintenance/Storage Buildings	1	EA	15,000.00	\$15,000.00	0	EA	15,000.00	\$0.00	1	EA	15,000.00	\$15,000.00	0	EA	15,000.00	\$0.00	2	\$30,000.00			
Utility Systems Allowance	1,000	LF	10.00	\$10,000.00	0	LF	10.00	\$0.00	1,000	LF	10.00	\$10,000.00	0	LF	10.00	\$0.00	2,000	\$20,000.00			
Trail/Interpretive Markers - small pedestrian scale	1	LS	3,000.00	\$3,000.00	1	LS	3,000.00	\$3,000.00	1	LS	3,000.00	\$3,000.00	1	LS	3,000.00	\$3,000.00	4	\$12,000.00			
Conc. Sidewalk Path (10' wide w/mesh)	11,360	LF	28.00	\$318,080.00	10,390	LF	28.00	\$290,920.00	18,260	LF	28.00	\$511,280.00	5,850	LF	28.00	\$163,800.00	45,860	\$1,284,080.00			
Specialized Paving	2,000	SF	12.00	\$24,000.00	0	SF	12.00	\$0.00	6,000	SF	12.00	\$72,000.00	15,000	SF	12.00	\$180,000.00	23,000	\$276,000.00			
Urban LED Pavement Lighting	1	LS	50,000.00	\$50,000.00	1	LS	50,000.00	\$50,000.00	1	LS	50,000.00	\$50,000.00	1	LS	50,000.00	\$50,000.00	4	\$200,000.00			
Elevated Boardwalk	1,500	LF	250.00	\$375,000.00	400	LF	250.00	\$100,000.00	0	LF	250.00	\$0.00	0	LF	250.00	\$0.00	1,900	\$475,000.00			
At-grade Boardwalk 10' wide	100	LF	100.00	\$10,000.00	100	LF	100.00	\$10,000.00	0	LF	100.00	\$0.00	0	LF	100.00	\$0.00	200	\$20,000.00			
Observation decks (600sf ea)	3	EA	12,000.00	\$36,000.00	0	EA	12,000.00	\$0.00	0	EA	12,000.00	\$0.00	0	EA	12,000.00	\$0.00	3	\$36,000.00			
Prefabricated Bridges	1	EA	30,000.00	\$30,000.00	0	EA	15,000.00	\$0.00	0	EA	15,000.00	\$0.00	0	EA	15,000.00	\$0.00	1	\$30,000.00			
Benches - 6' long (2 every 1000 feet)	18	EA	750.00	\$13,500.00	20	EA	750.00	\$15,000.00	30	EA	750.00	\$22,500.00	30	EA	750.00	\$22,500.00	98	\$73,500.00			
Litter Receptacle / 1 every 1000 feet	9	EA	300.00	\$2,700.00	10	EA	300.00	\$3,000.00	15	EA	300.00	\$4,500.00	15	EA	300.00	\$4,500.00	49	\$14,700.00			
Call Boxes (1 every 2500 feet)	3	EA	2,500.00	\$7,500.00	4	EA	2,500.00	\$10,000.00	6	EA	2,500.00	\$15,000.00	4	EA	2,500.00	\$10,000.00	17	\$42,500.00			
Small Shelter (Gazebo)	0	EA	3,500.00	\$0.00	0	EA	3,500.00	\$0.00	0	EA	3,500.00	\$0.00	0	EA	3,500.00	\$0.00	0	\$0.00			
Multi-Use Trail Elements Totals				\$894,780.00				\$481,920.00				\$703,280.00				\$433,800.00		2,513,780.00			
Trailhead Elements	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Unit	Unit Costs	Total	Quantity	Total			
Demolition	1,000	SY	10.00	\$10,000.00	800	SY	10.00	\$8,000.00	800	SY	10.00	\$8,000.00	0	SY	10.00	\$0.00	2,600	\$26,000.00			
Excavation/Grading	1,000	SY	15.00	\$15,000.00	800	SY	15.00	\$12,000.00	800	SY	15.00	\$12,000.00	0	SY	15.00	\$0.00	2,600	\$39,000.00			
Drainage Repair & Replacement (Per 1,000 SF)	1	EA	3,500.00	\$3,500.00	1	EA	3,500.00	\$3,500.00	1	EA	3,500.00	\$3,500.00	0	EA	3,500.00	\$0.00	3	\$10,500.00			
Utility Systems Allowance	1	LS	20,000.00	\$20,000.00	1	LS	20,000.00	\$20,000.00	1	LS	20,000.00	\$20,000.00	0	LS	20,000.00	\$0.00	3	\$60,000.00			
Trailhead Restroom/Storage	1	EA	25,000.00	\$25,000.00	0	EA	25,000.00	\$0.00	1	EA	25,000.00	\$25,000.00	0	EA	25,000.00	\$0.00	2	\$50,000.00			
Area Lighting (25' pole hgt.)	2	LS	2,500.00	\$5,000.00	1	LS	10,000.00	\$10,000.00	1	LS	10,000.00	\$10,000.00	0	LS	10,000.00	\$0.00	4	\$25,000.00			
Play Structue	1	EA	20,000.00	\$20,000.00	0	EA	20,000.00	\$0.00	0	EA	20,000.00	\$0.00	0	EA	20,000.00	\$0.00	1	\$20,000.00			
Fit Trail system	0	LS	20,000.00	\$0.00	0	LS	20,000.00	\$0.00	0	LS	20,000.00	\$0.00	0	LS	20,000.00	\$0.00	0	\$0.00			
Signage Allowance	1	LS	1,000.00	\$1,000.00	1	LS	1,000.00	\$1,000.00	1	LS	1,000.00	\$1,000.00	0	LS	1,000.00	\$0.00	3	\$3,000.00			
Site Furniture Allowance (water f., benches, trash)	1	LS	5,000.00	\$5,000.00	1	LS	5,000.00	\$5,000.00	1	LS	5,000.00	\$5,000.00	0	LS	5,000.00	\$0.00	3	\$15,000.00			
Landscape & Berming	1	AC	4,000.00	\$4,000.00	1	AC	4,000.00	\$4,000.00	1	AC	4,000.00	\$4,000.00	0	AC	4,000.00	\$0.00	3	\$12,000.00			
Picnic Shelter	2	EA	2,500.00	\$5,000.00	0	EA	2,500.00	\$0.00	0	EA	2,500.00	\$0.00	0	EA	2,500.00	\$0.00	2	\$5,000.00			
Parks & Recreation Elements Totals				\$113,500.00				\$63,500.00				\$88,500.00				\$0.00		\$265,500.00			

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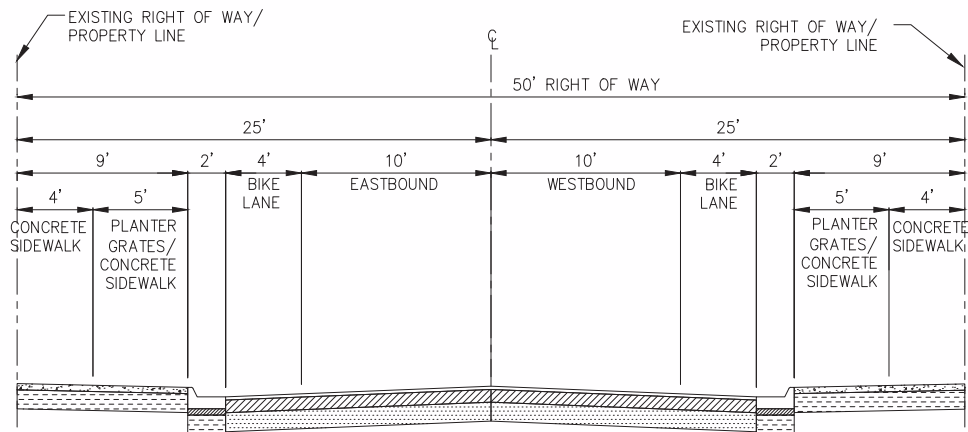


APPENDIX E: STREET CROSS SECTIONS

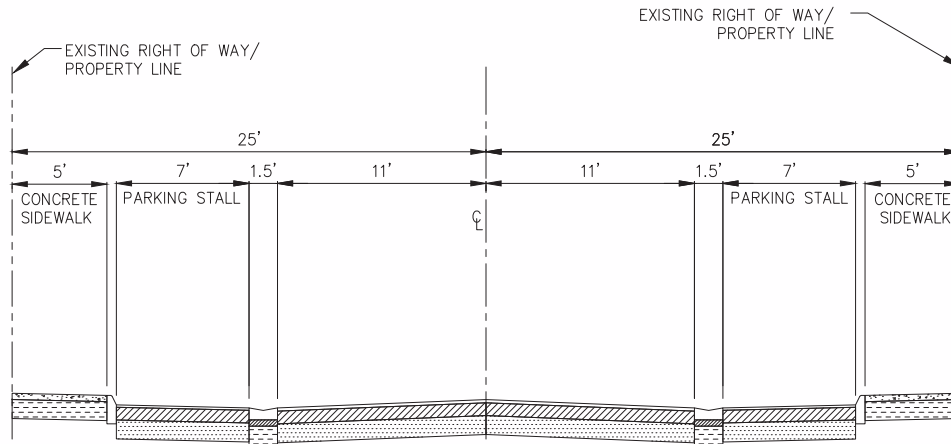




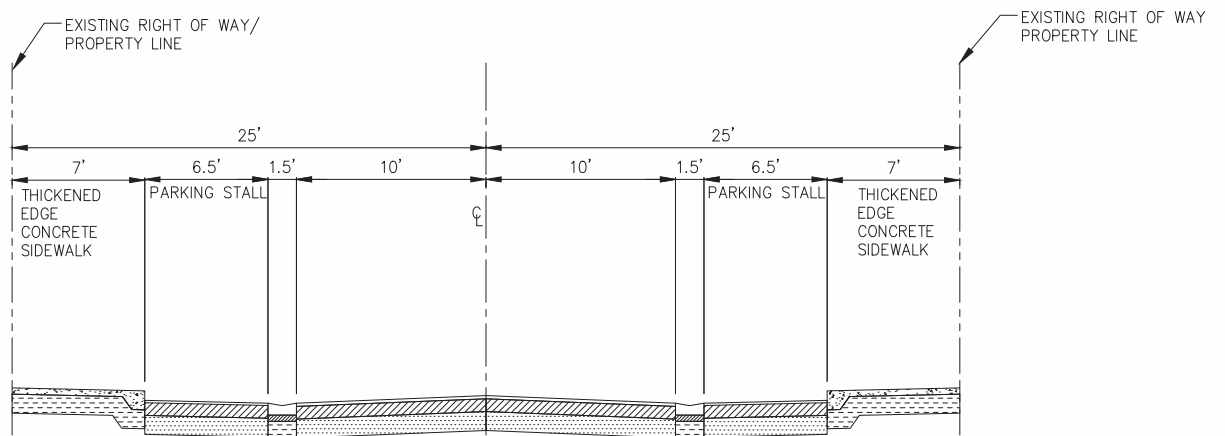
FOSTER ROAD DISTRICT (50' RIGHT OF WAY) W/ PARKING STALL



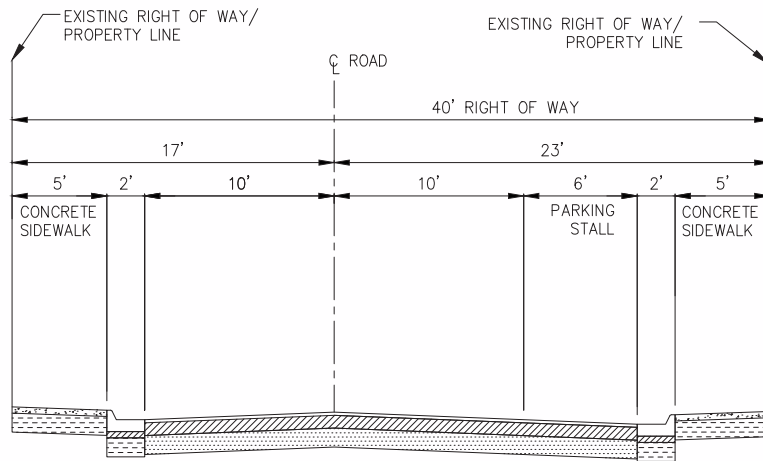
50' DOWNTOWN W/ BIKE LANE



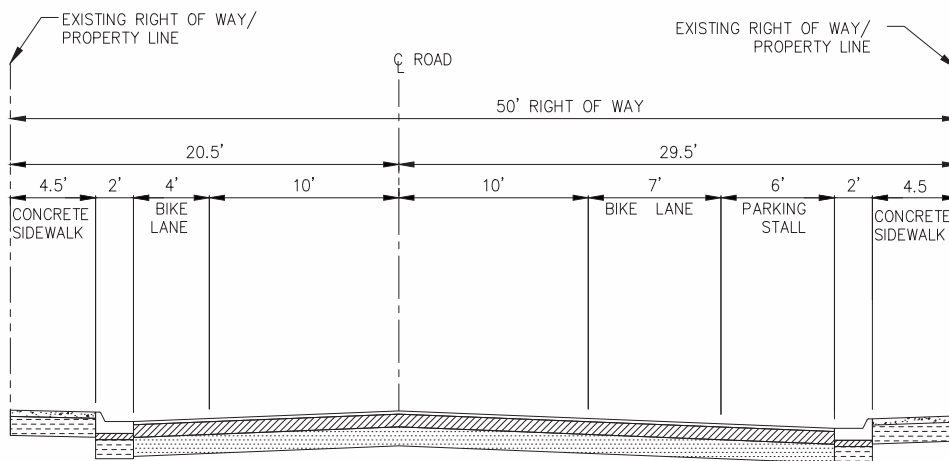
50' DOWNTOWN ON-STREET PARKING SECTION



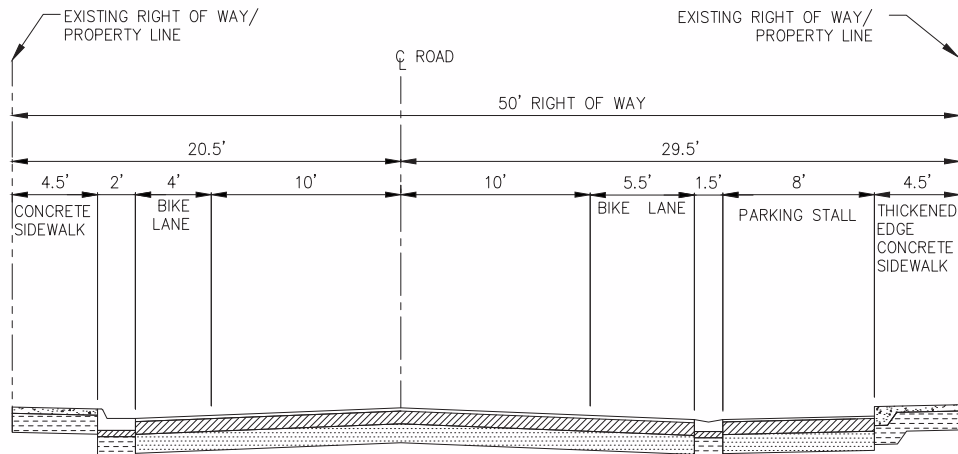
**50' DOWNTOWN ON-STREET PARKING SECTION
(WIDER SIDEWALKS)**



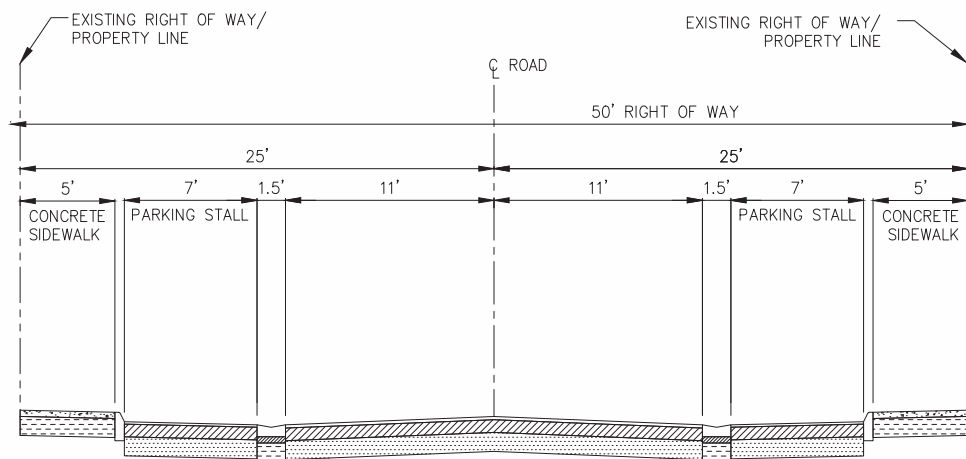
COMMERCIAL DISTRICT 40' RIGHT OF WAY W/ PARKING STALL



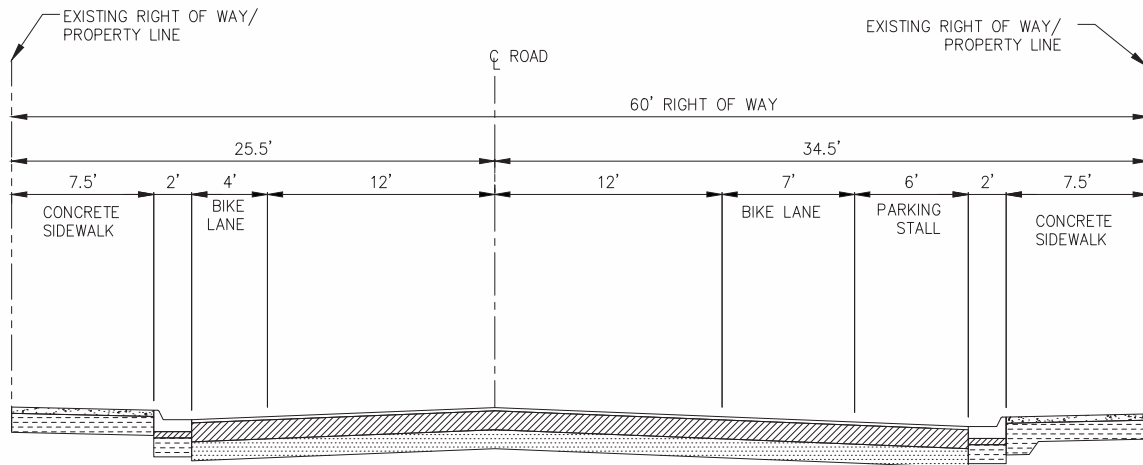
COMMERCIAL DISTRICT 50' RIGHT OF WAY W/ BIKE LANES AND PARKING STALL (OPTION 1)



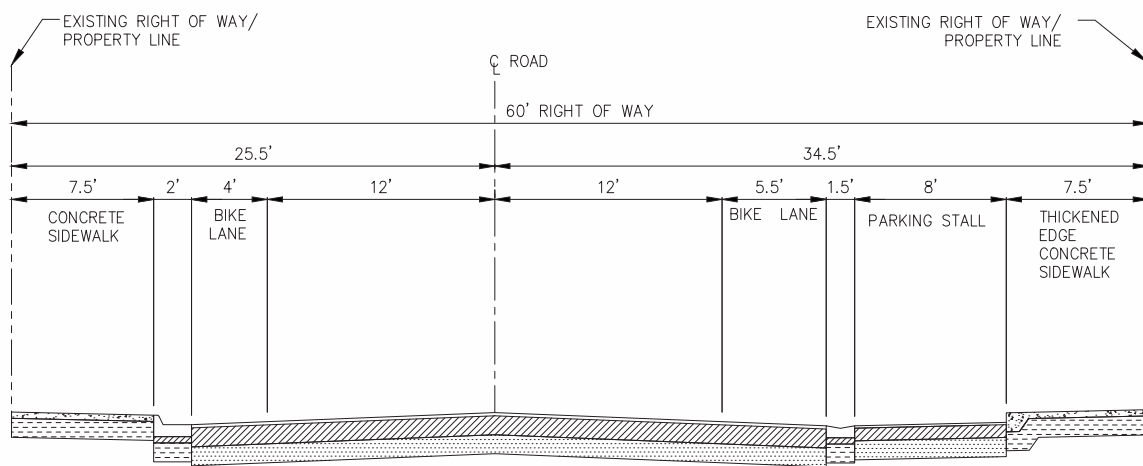
COMMERCIAL DISTRICT 50' RIGHT OF WAY W/ BIKE LANES AND PARKING STALL (OPTION 2)



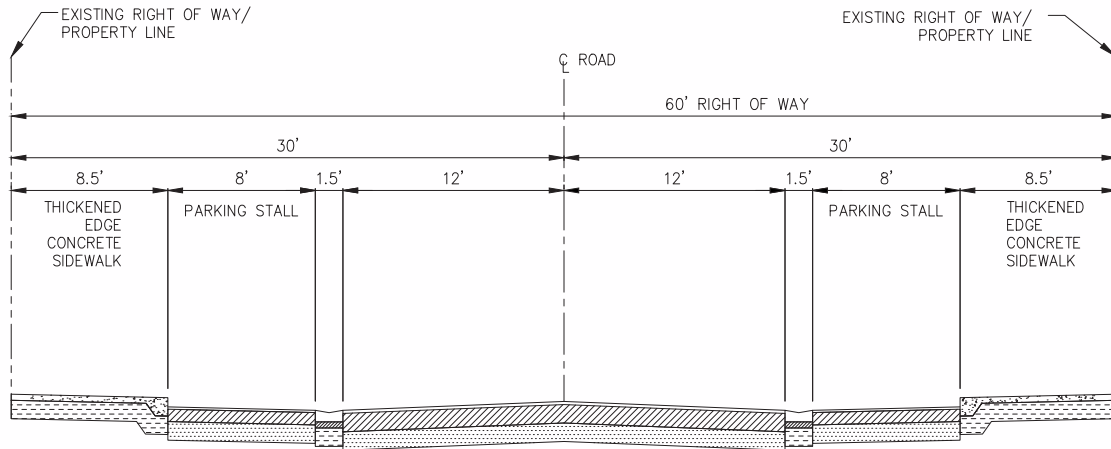
COMMERCIAL DISTRICT 50' RIGHT OF WAY W/ PARKING STALLS



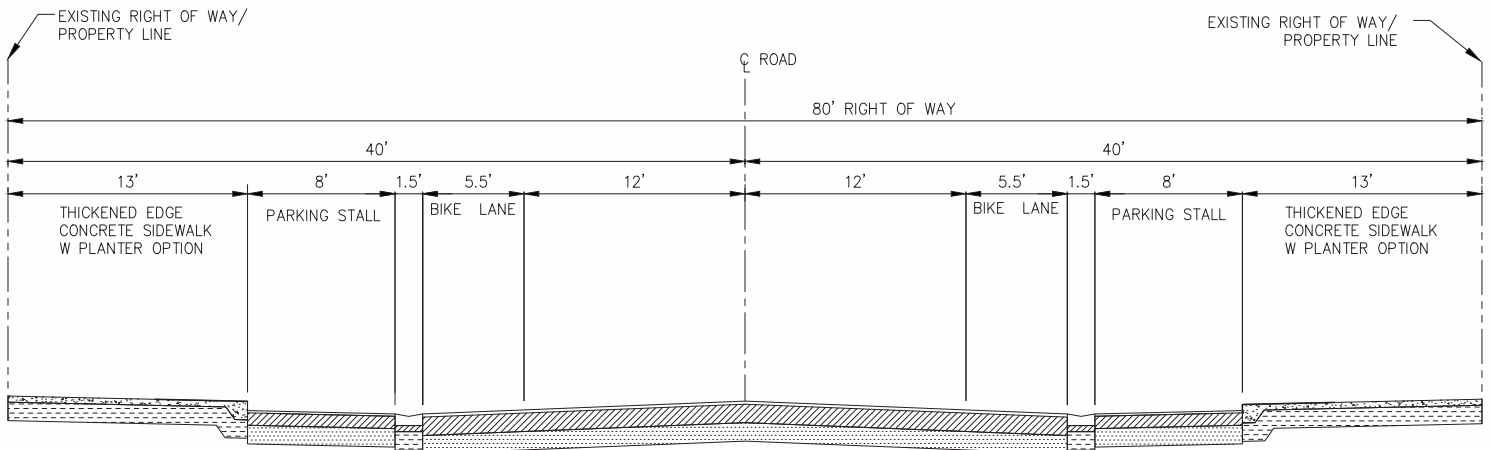
**COMMERCIAL DISTRICT 60' RIGHT OF WAY W/
BIKE LANES AND PARKING STALL (OPTION 1)**



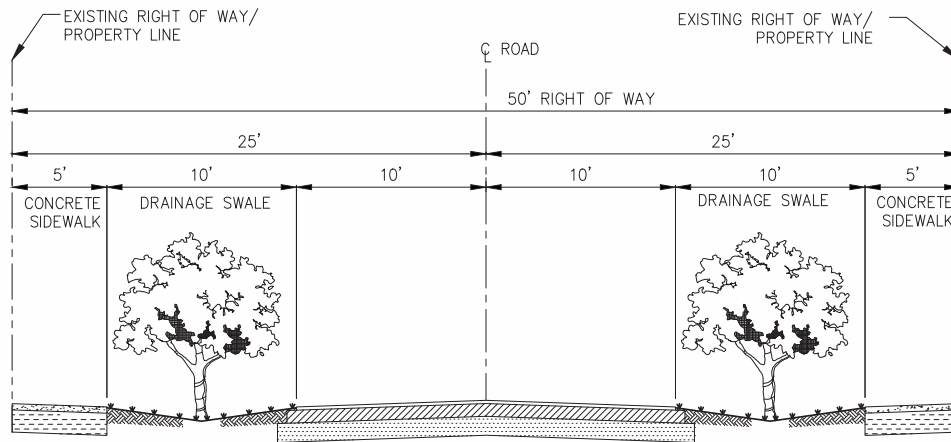
**COMMERCIAL DISTRICT 60' RIGHT OF WAY W/
BIKE LANES AND PARKING STALL (OPTION 2)**



COMMERCIAL DISTRICT 60' RIGHT OF WAY W/ PARKING STALLS



COMMERCIAL DISTRICT 80' RIGHT OF WAY W/ BIKE LANES AND PARKING STALLS



LOCAL 50' RIGHT OF WAY