



Margate Boulevard Crosswalk and Landscape Improvements



Engineer's Opinion of Probable Construction Cost Class 2 04/15/2024

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
ITEM NO. 1 - GENERAL CONDITIONS					
1-1	PERFORMANCE AND PAYMENT GUARANTEE AND INSURANCE	1	LS	5% OF TOTAL	\$42,400.00
1-2	MOBILIZATION	1	LS	8% OF TOTAL	\$67,800.00
1-3	MAINTENANCE OF TRAFFIC	1	LS	9% OF TOTAL	\$76,300.00
1-4	SURVEYING, STAKE-OUT, AND AS-BUILT DRAWINGS	1	LS	5% OF TOTAL	\$42,400.00
				SUBTOTAL	\$228,900
ITEM NO. 2 - DEMOLITION					
2-1	REMOVE AND DISPOSE EXISTING ASPHALT PAVEMENT	150	SY	\$19.25	\$2,887.50
2-2	REMOVE AND DISPOSE EXISTING PAVERS	1050	SY	\$15.00	\$15,750.00
2-3	REMOVE EXISTING LIMEROCK BASE MATERIAL	150	SY	\$12.00	\$1,800.00
2-4	REMOVE EXISTING CONCRETE SIDEWALK	20	SY	\$26.00	\$520.00
2-5	REMOVE EXISTING CONCRETE CURB	2890	LF	\$14.00	\$40,460.00
				SUBTOTAL	\$61,418
ITEM NO. 3 - ROADWAY IMPROVEMENTS					
3-1	STABILIZATION OF SUBGRADE	1600	SY	\$12.00	\$19,200.00
3-2	FURNISH AND COMPACT LIMEROCK BASE MATERIAL	700	SY	\$26.00	\$18,200.00
3-3	FURNISH AND PLACE ASPHALT CONCRETE PAVEMENT - FIRST LIFT (1")	150	SY	\$16.00	\$2,400.00
3-4	MILL EXISTING ASPHALT PAVEMENT	11900	SY	\$8.50	\$101,150.00
3-5	FURNISH AND PLACE ASPHALT CONCRETE PAVEMENT - SECOND LIFT (1")	11900	SY	\$16.00	\$190,400.00
3-6	FURNISH AND INSTALL 4" THICK CONCRETE SIDEWALK	395	SY	\$70.00	\$27,650.00
3-7	FURNISH AND INSTALL DECORATIVE PAVERS	270	SY	\$135.00	\$36,450.00
3-8	FURNISH AND INSTALL 6" THICK STAMPED CONCRETE CROSSWALK	430	SY	\$126.00	\$54,180.00
3-9	FURNISH AND INSTALL CURB TYPE "F" / DROP CURB	900	LF	\$55.00	\$49,500.00
3-10	FURNISH AND INSTALL HEADER/ TYPE "D" CURB RESTORATION	1125	LF	\$50.00	\$56,250.00
3-11	FURNISH AND PLACE TEMPORARY PAVEMENT MARKINGS	1	LS	\$15,000.00	\$15,000.00
3-12	FURNISH & PLACE 6" THERMOPLASTIC	8900	LF	\$3.00	\$26,700.00
3-13	FURNISH & PLACE 6" THERMOPLASTIC 2'-4' SKIP	270	LF	\$3.50	\$945.00
3-14	FURNISH & PLACE 6" THERMOPLASTIC 6'-10' SKIP	100	LF	\$3.75	\$375.00
3-15	FURNISH & PLACE 6" THERMOPLASTIC 10'-30' SKIP	2300	LF	\$4.00	\$9,200.00
3-16	FURNISH & PLACE 12" THERMOPLASTIC	960	LF	\$3.55	\$3,408.00
3-17	FURNISH & PLACE 18" THERMOPLASTIC	75	LF	\$5.50	\$412.50
3-18	FURNISH & PLACE 24" THERMOPLASTIC (STOP BAR)	70	LF	\$6.00	\$420.00
3-19	FURNISH & PLACE PAVEMENT MESSAGE & SYMBOLS	26	EA	\$280.00	\$7,280.00
3-20	FURNISH AND PLACE REFLECTIVE PAVEMENT MARKERS	250	EA	\$5.50	\$1,375.00
				SUBTOTAL	\$620,496
ITEM NO. 4 - STORMWATER IMPROVEMENTS					
4-1	FURNISH AND INSTALL CONFLICT STRUCTURE PER FDOT INDEX 425-080 & 425-010	1	EA	\$35,000.00	\$35,000.00
4-2	FURNISH AND INSTALL 30" RCP DRAINAGE PIPE	16	LF	\$323.00	\$5,168.00
4-3	FURNISH AND INSTALL 18" POLYPROPYLENE DRAINAGE PIPE	20	LF	\$200.00	\$4,000.00
				SUBTOTAL	\$44,168



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ITEM NO. 5 - LANDSCAPING (RIGHT OF WAY EDGES & ROUNDABOUT)					
5-1	EX. SHRUB REMOVAL	9302	SF	\$0.43	\$3,999.86
5-2	EX. GROUNDCOVER/SOD REMOVAL	1993	SF	\$0.43	\$856.99
5-3	SOD RESTORATION	1	AL	\$5,000.00	\$5,000.00
5-4	FURNISH AND INSTALL ORANGE GEIGER / CORDIA SEBESTENA	9	EA	\$625.00	\$5,625.00
5-5	FURNISH AND INSTALL CHRISTMAS PALM / ADONIDIA MERRILLI	4	EA	\$350.00	\$1,400.00
5-6	FURNISH AND INSTALL CHRISTMAS PALM / ADONIDIA MERRILLI (DOUBLE TRUNK)	4	EA	\$500.00	\$2,000.00
5-7	FURNISH AND INSTALL SOLITAIRE PALM / PTYCHOSPERMA ELEGANS	19	EA	\$550.00	\$10,450.00
5-8	FURNISH AND INSTALL YESTERDAY, TODAY & TOMORROW / BRUNFELSIA GRANDIFLORA	12	EA	\$400.00	\$4,800.00
5-9	FURNISH AND INSTALL SMALL LEAF CLUSIA / CLUSIA GUTTIFERA (14"X14")	35	EA	\$13.50	\$472.50
5-10	FURNISH AND INSTALL SMALL LEAF CLUSIA / CLUSIA GUTTIFERA (18"X18")	475	EA	\$16.00	\$7,600.00
5-11	FURNISH AND INSTALL MAMMEY CROTON / CODIAEUM VAREGATUM 'MAMMEY'	143	EA	\$0.00	\$0.00
5-12	FURNISH AND INSTALL TI PLANT / CORYLINE FRUTICOSA 'RED SISTER'	72	EA	\$50.00	\$3,600.00
5-13	FURNISH AND INSTALL WALTER'S VIBURNUM / VIBURNUM OBOVATUM 'MS. SCHILLER'S DELIGHT'	24	EA	\$55.00	\$1,320.00
5-14	FURNISH AND INSTALL GREEN ISLAND FICUS / FICUS MICROCARPA	1262	EA	\$15.00	\$18,930.00
5-15	FURNISH AND INSTALL LILY TURF / LIRIOPE MUSCARI 'EVERGREEN GIANT'	24	EA	\$0.00	\$0.00
5-16	FURNISH AND INSTALL TRINETTE / SCHEFFLERA ARBORICOLA 'TRINETTE'	28	EA	\$0.00	\$0.00
5-17	FURNISH AND INSTALL COONTIE / ZAMIA FLORIDANA	259	EA	\$30.00	\$7,770.00
5-18	FURNISH AND INSTALL SEASONAL COLOR / SELECTED BY CITY STAFF	264	EA	\$0.00	\$0.00
5-19	FURNISH AND INSTALL ST. AUGUSTINE SOD / STENOTAPHRUM SECUNDATUM 'FLORATAM'	3202	SF	\$0.55	\$1,761.10
5-20	IRRIGATION - RESTORATION	1	LS	\$15,000.00	\$15,000.00
5-21	REPLACEMENT EXTERIOR UPLIGHTING	78	EA	\$300.00	\$23,400.00
				SUBTOTAL	\$113,985.45
ITEM NO. 6 - STORMWATER POLLUTION PREVENTION					
6-1	FURNISH, INSTALL, AND REMOVE TEMP. FILTER FABRIC	28	EA	\$250.00	\$7,000.00
				SUBTOTAL	\$7,000.00
TOTAL ESTIMATED CONSTRUCTION COST					
1	ITEM NO. 1 - GENERAL CONDITIONS	\$ 228,900.00			
2	ITEM NO. 2 - DEMOLITION	\$ 61,417.50			
3	ITEM NO. 3 - ROADWAY IMPROVEMENTS	\$ 620,495.50			
4	ITEM NO. 4 - ROADWAY IMPROVEMENTS	\$ 44,168.00			
5	ITEM NO. 5 - LANDSCAPING (RIGHT OF WAY EDGES & ROUNDABOUT)	\$ 113,985.45			
6	ITEM NO. 6 - STORMWATER POLLUTION PREVENTION	\$ 7,000.00			
PROJECT SUBTOTAL		\$ 1,075,966.45			
CONTINGENCY (5%)		\$ 53,798.32			
PROJECT TOTAL		\$ 1,129,764.77			