

**COLONIAL DRIVE PEDESTRIAN SAFETY IMPROVEMENTS**

**ENGINEER'S OPINION OF PROBABLE COST**

**PAVING, GRADING AND DRAINAGE IMPROVEMENTS - 100%**

DATE  
12/7/2016

PROJECT TITLE				K&A PROJECT NO.	
Civ of Margate - Colonial Drive. Improvements				09359.02	
LOCATION					
City of Margate					
OWNER					
City of Margate					
ESTIMATED BY		CHECKED BY		APPROVED BY	
MC		AO			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE MAT. & LAB	ESTIMATED AMOUNT
	Paving				
1	12" Stabilized Subgrade LRB-40	77	SY	\$12.00	\$926.64
2	8" Limerock Base w/Prime	77	SY	\$20.00	\$1,540.00
3	1 1/2" Type SP-9.5 Asphalt (2-Lifts)	77	SY	\$12.00	\$924.00
4	Type F Curb and Gutter	780	LF	\$25.00	\$19,500.00
5	5' Concrete Sidewalk	0	LF	\$30.00	\$0.00
6	Type D Curb	0	LF	\$20.00	\$0.00
7	Traffic Paver Blocks	60	SF	\$20.00	\$1,200.00
8	Raised Pavement Markers	0	EA	\$1.50	\$0.00
9	6" Yellow 10'-30' Skip Thermoplastic	110	LS	\$600.00	\$600.00
10	6" Thermoplastic solid stripe	556	LS	\$600.00	\$600.00
11	Signs R920 Solar RRF Installed	5	EA	\$5,000.00	\$25,000.00
12	Directional Arrow per FDOT 17346	3	EA	\$300.00	\$900.00
13	24" white stop bar	52	LS	\$600.00	\$600.00
14	6" Double Yellow Thermoplastic	50	LS	\$600.00	\$600.00
15	Yellow/Yellow RPM's	10	EA	\$10.00	\$100.00
16	18" Solid White	40	LF	\$1.00	\$40.00
17	Stop Sign	1	LS	\$500.00	\$500.00
				Subtotal =	\$53,030.64
	Site Demolition				
1	Concrete Sidewalks Removal	0	LF	\$10.00	\$0.00
2	Tree Relocation	1	EA	\$500.00	\$500.00
3	Pavement Removal	77	SY	\$55.00	\$4,235.00
				Subtotal =	\$4,735.00
	Landscape and Irrigation				
1	Sod St. Augustine	3,170	SF	\$2.00	\$6,340.00
2	Shrubs	290	EA	\$10.00	\$2,900.00
3	Ground Covers	100	EA	\$5.00	\$500.00
4	Trees (Palm Trees 4" Dia.)	9	EA	\$500.00	\$4,500.00
5	Irrigation System	1	LS	\$15,000.00	\$15,000.00
					\$0.00
				Subtotal =	\$29,240.00
				Grand Sub-Total	\$87,005.64
	Site Preparation and Maintenance of Traffic				
1	Clearing and Gubbing	1	5%		\$4,350.28
2	Maitenance of Traffic During Construction	1	10%		\$8,700.56
3	Mobilization	1	LS	\$5,000.00	\$5,000.00
				Grand Total =	\$105,056.49
				GRAND TOTAL Plus 20% Contingency =	\$126,067.78

**NOTES:**

1. Estimate is based on a conceptual prepared by Keith and Associates , Inc. dated July 2016. Final construction documents and permitting will be required. Quantities are subject to change. This Engineers Opinion of Probable Cost is for order of magnitude comparison purposes.
2. Estimate does not include cost of Construction Documents development and permitting.