

WINFIELD BOULEVARD WITH ROUNDABOUTS

**ENGINEER'S OPINION OF PROBABLE COST
PAVING, GRADING AND DRAINAGE IMPROVEMENTS - 100%**

				DATE 8/8/2018	
PROJECT TITLE City of Margate - Winfield Blvd. Improvements			K&A PROJECT NO. 09359.01		
LOCATION City of Margate					
OWNER City of Margate					
ESTIMATED BY MC			CHECKED BY AC		APPROVED BY
ITEM NO	DESCRIPTION	QTY	UNIT	UNIT PRICE MAT. & LAB	ESTIMATED AMOUNT
Paving					
1	12" Stabilized Subgrade LRB-40	1,400	SY	\$1.20	\$1,680.00
2	8" Limerock Base w/Prime	1,400	SY	\$9.10	\$12,740.00
3	1 1/2" Type SP-9.5 Asphalt (2-Lifts)	1,400	SY	\$9.60	\$13,440.00
4	Type E Mountable Curb and Gutter	170	LF	\$25.00	\$4,250.00
5	5' Concrete Sidewalk	320	LF	\$30.00	\$9,600.00
6	Type D Curb	800	LF	\$16.00	\$12,800.00
7	Traffic Paver Blocks	1,765	SF	\$20.00	\$35,300.00
8	Raised Pavement Markers	420	EA	\$1.50	\$630.00
9	6" Yellow 10'-30' Skip Thermoplastic	554	LF	\$0.50	\$277.00
10	6" Yellow Thermoplastic solid stripe	2,464	LF	\$0.25	\$616.00
11	Signs (Yield to traffic, Ped Crossing and keep right)	14	EA	\$400.00	\$5,600.00
12	24" solid yellow	210	LF	\$1.00	\$210.00
13	6" White Thermoplastic solid stripe	4,144	LF	\$0.25	\$1,036.00
14	Milling and Resurfacing	690	SY	\$9.00	\$6,210.00
				Subtotal =	\$104,389.00
Site Demolition					
1	Concrete Sidewalks Removal	220	LF	\$10.00	\$2,200.00
2	Tree Removal	10	EA	\$500.00	\$5,000.00
3	Pavement Removal	1,500	SY	\$20.00	\$30,000.00
					\$0.00
				Subtotal =	\$37,200.00
Roundabout Special Features					
1	Water Feature	635	SF	\$150.00	\$95,250.00
2	Rockwork	275	SF	\$90.00	\$24,750.00
3	Landscape and Irrigation	300	SF	\$25.00	\$7,500.00
4	Lighting	1	AL	\$12,500.00	\$12,500.00
5	MEP and Additional Utility Req	1	AL	\$7,500.00	\$7,500.00
				Subtotal =	\$147,500.00
Water & Wastewater					
1	Adjust Sewer MH rim and Line Manhole	1	EA	\$1,500.00	\$1,500.00
2	Line Sanitary Main	328	LF	\$29.00	\$9,512.00
3	8" DIP Water Main	377	LF	\$57.00	\$21,489.00
				Subtotal	\$32,501.00
				Grand Sub-Total	\$321,590.00
Site Preparation and Maintenance of Traffic					
1	Clearing and Gubbing	1	5%		\$16,079.50
2	Maintenance of Traffic During Construction	1	10%		\$32,159.00
3	Mobilization	1	LS	\$5,000.00	\$5,000.00
				Grand Total =	\$374,828.50
				GRAND TOTAL Plus 20% Contingency =	\$449,794.20

NOTES:

WINFIELD BOULEVARD WITH ROUNDABOUTS**ENGINEER'S OPINION OF PROBABLE COST****PAVING, GRADING AND DRAINAGE IMPROVEMENTS - 100%**DATE
3/22/2018

PROJECT TITLE				K&A PROJECT NO.	
City of Margate - Winfield Blvd. Improvements				09359.01	
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	1,400	SY	\$1.20	\$1,680.00
2	8" Limerock Base w/Prime	1,400	SY	\$9.10	\$12,740.00
3	1 1/2" Type SP-9.5 Asphalt (2-Lifts)	1,400	SY	\$9.60	\$13,440.00
4	Type E Mountable Curb and Gutter	170	LF	\$25.00	\$4,250.00
5	5' Concrete Sidewalk	320	LF	\$30.00	\$9,600.00
6	Type D Curb	800	LF	\$16.00	\$12,800.00
7	Traffic Paver Blocks	1,765	SF	\$20.00	\$35,300.00
8	Raised Pavement Markers	420	EA	\$1.50	\$630.00
9	6" Yellow 10'-30' Skip Thermoplastic	554	LF	\$0.50	\$277.00
10	6" Yellow Thermoplastic solid stripe	2,464	LF	\$0.25	\$616.00
11	Signs (Yield to traffic, Ped Crossing and keep right)	14	EA	\$400.00	\$5,600.00
12	24" solid yellow	210	LF	\$1.00	\$210.00
13	6" White Thermoplastic solid stripe	4,144	LF	\$0.25	\$1,036.00
14	Milling and Resurfacing	690	SY	\$9.00	\$6,210.00
				Subtotal =	\$104,389.00
	Site Demolition				
1	Concrete Sidewalks Removal	220	LF	\$10.00	\$2,200.00
2	Tree Removal	10	EA	\$500.00	\$5,000.00
3	Pavement Removal	1,500	SY	\$20.00	\$30,000.00
					\$0.00
				Subtotal =	\$37,200.00
	Landscape and Irrigation				
1	St. Augustine Sod	100	SF	\$1.00	\$100.00
2	Ficus 'Green Island'	602	EA	\$9.00	\$5,418.00
3	Codiaeum variegatum (Croton)	40	EA	\$10.00	\$400.00
4	Aechmea spp. (Bromeliade)	84	EA	\$15.00	\$1,260.00
5	Ptychosperma elegans (Solitaire Palm)	11	EA	\$350.00	\$3,850.00
6	Veitchia montgomeriana (Montgomery Palm)	8	EA	\$500.00	\$4,000.00
7	Irrigation System	1	LS	\$10,000.00	\$10,000.00
				Subtotal =	\$25,028.00
	Water & Wastewater				
1	Adjust Sewer MH rim and Line Manhole	1	EA	\$1,500.00	\$1,500.00
2	Line Sanitary Main	328	LF	\$29.00	\$9,512.00
3	8" DIP Water Main	377	LF	\$57.00	\$21,489.00
				Subtotal	\$32,501.00
				Grand Sub-Total	\$199,118.00
	Site Preparation and Maintenance of Traffic				
1	Clearing and Gubbing	1	5%		\$9,955.90
2	Maintenance of Traffic During Construction	1	10%		\$19,911.80
3	Mobilization	1	LS	\$5,000.00	\$5,000.00
Grand Total =					\$233,985.70
GRAND TOTAL Plus 20% Contingency =					\$280,782.84

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