WINFIELD BOULEVARD WITH ROUNDABOUTS

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

DATE 8/8/2018 PROJECT TITLE K&A PROJECT NO. Ciy of Margate - Winfield Blvd. Improvements 09359.01 LOCATION City of Margate OWNER City of Margate AQAPPROVED BY **UNIT PRICE ESTIMATED** NO DESCRIPTION QTY UNIT MAT. & LAB **AMOUNT** Paving SY \$1,680.00 1 12" Stabilized Subgrade LRB-40 1,400 \$1.20 2 8" Limerock Base w/Prime 1,400 SY \$9.10 \$12,740.00 1,400 3 1 1/2" Type SP-9.5 Asphalt (2-Lifts) SY \$13,440,00 \$9.60 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 \$35,300.00 7 Traffic Paver Blocks 1,765 SF \$20.00 8 Raised Pavement Markers 420 EΑ \$1.50 \$630.00 \$277.00 9 6" Yellow 10'-30' Skip Thermoplastic 554 LF \$0.50 2,464 \$616.00 10 6" Yellow Thermoplastic solid stripe LF \$0.25 11 Signs (Yield to traffic, Ped Crossing and keep right) 14 EΑ \$400.00 \$5,600.00 210 LF 12 24" solid yellow \$1.00 \$210.00 13 6" White Thermoplastic solid stripe 4,144 LF \$0.25 \$1,036.00 \$6,210.00 690 14 Milling and Resurfacing SY \$9.00 Subtotal = \$104,389.00 Site Demolition 1 Concrete Sidewalks Removal 220 \$10.00 \$2,200,00 LF EΑ \$5,000.00 2 Tree Removal 10 \$500.00 3 Pavement Removal 1,500 SY \$20.00 \$30,000.00 \$0.00 \$37,200.00 Subtotal = Roundabout Special Features 1 Water Feature 635 SF \$150.00 \$95,250.00 \$24,750.00 275 SF 2 Rockwork \$90.00 3 Landscape and Irrigation 300 SF \$25.00 \$7,500.00 \$12,500.00 \$12,500.00 AL 4 Lighting 5 MEP and Additional Uitliity Req AL \$7,500.00 \$7,500.00 Subtotal = \$147,500.00 Water & Wastewater 1 Adjust Sewer MH rim and Line Manhole EΑ \$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 5% 1 Clearing and Gubbing \$16,079.50 2 Maitenance of Traffic During Conctruction 10% \$32,159.00 Mobilization 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 PROBALE COST

DO TE	CAT THEY E			K&A PROJECT NO.	3/22/2018
PROJECT TITLE Ciy of Margate - Winfield Blvd. Improvements				09359.01	
OCAT	TION				339.01
	City of Margate		KAD ALIGERIANE SKIATAS, INSCHENDISCHER KOOL AL FIO	ED STREET, GET TO THE USE AND SHE FAIR FAIR FAIR FAIR AND AND SHE FOR THE THE GROUP OF THE FAIR FAIR AND AND THE	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT
WNEI	R				
	City of Margate			I announa av	
STIMATED BY MC		CHECKED BY AO		APPROVED BY	
ГЕМ		OXI A NUTRICINA	TINITE	UNIT PRICE	ESTIMATED
0.	DESCRIPTION Paving	QUANTITY	UNIT	MAT. & LAB	AMOUNT
1	12" Stabilized Subgrade LRB-40	1,400	SY	\$1.20	\$1,680.0
2	8" Limerock Base w/Prime	1,400	SY	\$9.10	\$12,740.0
3	1 1/2" Type SP-9.5 Asphalt (2-Lifts)	1,400	SY	\$9.60	\$13,440.0
4	Type E Mountable Curb and Gutter	170	LF	\$25.00	\$4,250.0
5	5' Concrete Sidewalk	320	LF	\$30.00	\$9,600.0
6	Type D Curb	800	LF	\$16.00	\$12,800.0
7	Traffic Paver Blocks	1,765	SF	\$20.00	\$35,300.0
8	Raised Pavement Markers	420	EA	\$1.50	\$630.0
9	6" Yellow 10'-30' Skip Thermoplastic	554	LF	\$0.50	\$277.0
10	6" Yellow Thermoplastic solid stripe	2,464	LF	\$0.25	\$616.0
11	Signs (Yield to traffic, Ped Crossing and keep right)	14	EA	\$400.00	\$5,600.0
12	24" solid yellow	210	LF	\$1.00	\$210.0
13	6" White Thermoplastic solid stripe	4,144	LF	\$0.25	\$1,036.0
14	Milling and Resurfacing	690	SY	, \$9.00	\$6,210.0
				Subtotal =	\$104,389.0
	Site Demolition			040.00	#2.200
1	Concrete Sidewalks Removal	220	LF	\$10.00	\$2,200.0 \$5,000.0
2	Tree Removal	10	EA SY	\$500.00 \$20.00	\$30,000.0
3	Pavement Removal	1,500	51	\$20.00	\$30,000.0
				Subtotal =	\$37,200.0
	Landscape and Irrigation				
1	St. Augustine Sod	100	SF	\$1.00	\$100.0
2	Ficus 'Green Island'	602	EA	\$9.00	\$5,418.0
3	Codiaeum variegatum (Croton)	40	EA	\$10.00	\$400.0
4	Aechmea spp. (Bromeliade)	84	EA	\$15.00	\$1,260.0
5	Ptychosperma elegans (Solitaire Palm)	11	EA	\$350.00	\$3,850.0
6	Veitchia montgomeriana (Montgomery Palm)	8	EA	\$500.00	\$4,000.0
7	Irrigation System	1	LS	\$10,000.00	\$10,000.0
	Impation system	_		Subtotal =	\$25,028.0
	Water & Wastewater				
1	Adjust Sewer MH rim and Line Manhole	1	EA	\$1,500.00	\$1,500.0
2	Line Sanitary Main	328	LF	\$29.00	\$9,512.0
3	8" DIP Water Main	377	LF	\$57.00	\$21,489.0
				Subtotal	\$32,501.0
				Grand Sub-Total	\$199,118.0
	Site Preparation and Maintenance of Traffic			Grand Sub-10tal	
1	Clearing and Gubbing	1	5%		\$9,955.9
2	Maitenance of Traffic During Conctruction	1	10%		\$19,911.8
3	Mobilization	1	LS	\$5,000.00	\$5,000.0
	•	_		Grand Total =	\$233,985.70
		CD AND TOTAL	Dl 20	% Contingency =	\$280,782.84

NOTES: