



MARTIN COUNTY ENGINEERING DEPARTMENT **ENGINEER'S OPINION OF PROBABLE COST**

PROJECT NAME: BANYAN BAY

PHASE/PARCEL/PLAT: PHASE IIC

<u>ITEM</u>	<u>QTY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
EARTHWORK/SITEWORK				
a) Mobilization	1	LS	\$10,000.00	10,000.00
b) Clearing, grading and grubbing	13.0	AC	\$3,000.00	39,000.00
c) Excavation (cut)	0	CY	\$7.00	0.00
d) Embankment (fill)	0	CY	\$12.50	0.00
e) Sod and seed/mulch	35,410	SY	\$2.00	70,820.00
f) Concrete disposal	0.0	TN	\$60.00	0.00
g) Erosion control	1	LS	\$3,000.00	3,000.00
h) Fencing/railing	0	LS	\$10,000.00	0.00
i) Materials testing	1	LS	\$1,500.00	1,500.00
			Subtotal	124,320.00
ROADWORK				
a) Asphalt milling, 1" avg.	0	SY	\$1.50	0.00
b) Stabilized subgrade, roll in place	0	SY	\$3.00	0.00
c) Stabilized subgrade, Type B, 12" thick	7,969	SY	\$7.50	59,767.50
d) Paving base, optional base group 6	7,397	SY	\$12.50	92,462.50
e) Paving base, optional base group 9	0	SY	\$15.50	0.00
f) Paving base, other	0	SY	\$0.00	0.00
g) Asphaltic concrete, SP-9.5, 1-1/2" thick	7,397	SY	\$15.00	110,955.00
h) Asphaltic concrete, SP-9.5, 2 1/2" thick	0	SY	\$25.00	0.00
i) Asphaltic concrete, SP-9.5, 3" thick	0	SY	\$30.00	0.00
j) Asphalt overlay, SP-9.5 (<= 150 tons)	0.0	TN	\$150.00	0.00
k) Asphalt overlay, SP-9.5 (> 150 tons)	0.0	TN	\$120.00	0.00
l) Pervious asphalt or concrete	0	SY	\$60.00	0.00
m) Concrete curb & gutters	3,254	LF	\$14.25	46,369.50
q) Sidewalk, 6' wide	1,792	LF	\$25.00	44,800.00
r) Maintenance of traffic (M.O.T.)	0	LS	\$0.00	0.00
			Subtotal	354,354.50
DRAINAGE				
a) Inlets/ Manholes (<10' depth)	21	EA	\$3,000.00	63,000.00
b) Inlets / Manholes (10' or > depth)	0	EA	\$4,000.00	0.00
c) Control structures	0	EA	\$6,000.00	0.00
d) Endwalls	0	CY	\$700.00	0.00
e) Rip-rap	0	CY	\$80.00	0.00
f) Storm culvert, 15" dia. or equiv.	0	LF	\$28.00	0.00
g) Storm culvert, 18" dia. or equiv.	713	LF	\$34.00	24,242.00
h) Storm culvert, 24" dia. or equiv.	0	LF	\$48.00	0.00
i) Storm culvert, 30" dia. or equiv.	0	LF	\$65.00	0.00



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j) Storm culvert, 36" dia. or equiv.	875	LF	\$88.00	77,000.00
k) Storm culvert, 48" dia. Or equiv.	0	LF	\$125.00	0.00
l) Exfiltration trench	0	LF	\$100.00	0.00
			Subtotal	164,242.00

UTILITIES

a) Water main, 4"	0	LF	\$13.00	0.00
b) Water main, 6"	0	LF	\$17.50	0.00
c) Water main, 8"	1,749	LF	\$23.50	41,101.50
d) Water main, 10"	0	LF	\$31.25	0.00
e) Water main, 12"	0	LF	\$40.00	0.00
f) Water service, single	2	EA	\$790.00	1,580.00
g) Water service, double	17	EA	\$930.00	15,810.00
h) Fire hydrant assembly	4	EA	\$3,600.00	14,400.00
i) Sewer main, 8" gravity (<=8' depth)	535	LF	\$28.00	14,980.00
j) Sewer main, 8" gravity (<8'-12' depth)	712	LF	\$43.00	30,616.00
k) Sewer main, 8" gravity (<12'-16' depth)	307	LF	\$88.00	27,016.00
l) Sewer main, 8" gravity (<16'-20' depth)	0	LF	\$104.00	0.00
m) Sewer main, force, (4")	0	LF	\$13.50	0.00
n) Sewer manhole (<=8' depth)	4	EA	\$2,900.00	11,600.00
o) Sewer manhole (<8'-12' depth)	7	EA	\$3,850.00	26,950.00
p) Sewer manhole (<12'-16' depth)	3	EA	\$5,500.00	16,500.00
q) Sewer manhole (<16'-20' depth)	0	EA	\$8,800.00	0.00
r) Sewer lateral, single	6	EA	\$900.00	5,400.00
s) Sewer lateral, double	15	EA	\$1,100.00	16,500.00
t) Lift Station	0	EA	\$250,000.00	0.00
u) Directional drill (<= 6" dia.)	0	LF	\$50.00	0.00
v) Directional drill (8"-10" dia.)	0	LF	\$88.00	0.00
w) Directional drill (12" or > dia.)	0	LF	\$140.00	0.00
			Subtotal	\$222,453.50

TRAFFIC

a) Signage	1	LS	\$1,000.00	1,000.00
b) Striping	1	LS	\$1,000.00	1,000.00
c) Control devices (signals)	0	EA	\$0.00	0.00
			Subtotal	\$2,000.00

SURVEY

a) Setting P.C.P.'s	1	LS	\$1,500.00	1,500.00
b) Setting and replacing all P.R.M.'s	1	LS	\$1,500.00	1,500.00
c) Setting all lot corners	1	LS	\$2,500.00	2,500.00
			Subtotal	\$5,500.00



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MISCELLANEOUS

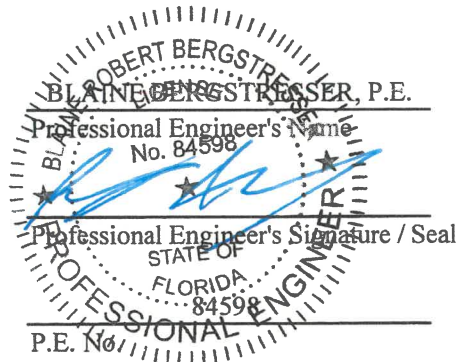
a)		0	\$0.00	0.00
b)		0	\$0.00	0.00
c)		0	\$0.00	0.00
			Subtotal	\$0.00

TOTAL ESTIMATED COST OF IMPROVEMENTS **\$872,870.00**

****Disclaimer****

- 1) Unit prices pre-entered on this spreadsheet reflect Martin County annual requirements contractors' unit prices and should not be modified without the approval of the County Engineer or his designee.

Prepared by:



10/08/2020

Date

KIMLEY-HORN AND ASSOCIATES, INC.

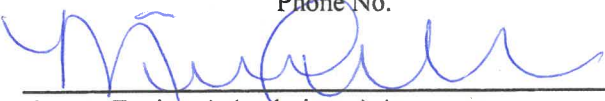
Firm's Name and Licensed Business No. (if applicable)

445 24TH STREET, SUITE 200, VERO BEACH, FL 32960

Firm's Address

772-794-4100

Phone No.


County Engineer's (or designee) Acceptance