



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

PROJECT NAME: Manatee Isles

PHASE/PARCEL/PLAT: ROW Use Only

ITEM	QTY	UNIT	UNIT PRICE	AMOUNT
EARTHWORK/SITEWORK				
a) Mobilization	1	LS	\$24,000.00	24,000.00
b) Clearing, grading and grubbing	0.36	AC	\$3,000.00	1,087.47
c) Excavation (cut)	324	CY	\$7.00	2,266.44
d) Embankment (fill)	0	CY	\$12.50	0.00
e) Sod and seed/mulch	852	SY	\$2.00	1,704.89
f) Concrete disposal	0.0	TN	\$60.00	0.00
g) Erosion control	1	LS	\$2,750.00	2,750.00
h) Fencing/railing	0	LS	\$0.00	0.00
i) Materials testing	1	LS	\$3,000.00	3,000.00
			Subtotal	34,808.80
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	740	SY	\$7.50	5,553.33
d) Paving base, optional base group 6	694	SY	\$12.50	8,676.39
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	648	SY	\$15.00	9,721.67
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	127	LF	\$14.25	1,809.75
q) Sidewalk, 6' wide	522	LF	\$25.00	13,050.00
r) Maintenance of traffic (M.O.T.)	1	LS	\$2,000.00	2,000.00
			Subtotal	40,811.14
DRAINAGE				
a) Inlets / Manholes (<10' depth)	0	EA	\$3,000.00	0.00
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.	0	LF	\$34.00	0.00
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.	<u>0</u>	LF	\$88.00	0.00
k) Storm culvert, 48" dia. Or equiv.	<u>0</u>	LF	\$125.00	0.00
l) Exfiltration trench	<u>0</u>	LF	\$100.00	0.00
			Subtotal	0.00

UTILITIES

a) Water main, 4"	<u>110</u>	LF	\$13.00	1,430.00
b) Water main, 6"	<u>15</u>	LF	\$17.50	262.50
c) Water main, 8"	<u>0</u>	LF	\$23.50	0.00
d) Water main, 10"	<u>0</u>	LF	\$31.25	0.00
e) Water main, 12"	<u>0</u>	LF	\$40.00	0.00
f) Water service, single	<u>0</u>	EA	\$790.00	0.00
g) Water service, double	<u>0</u>	EA	\$930.00	0.00
h) Fire hydrant assembly	<u>1</u>	EA	\$3,600.00	3,600.00
i) Sewer main, 8" gravity (<=8' depth)	<u>107</u>	LF	\$28.00	2,996.00
j) Sewer main, 8" gravity (<8'-12' depth)	<u>0</u>	LF	\$43.00	0.00
k) Sewer main, 8" gravity (<12'-16' depth)	<u>0</u>	LF	\$88.00	0.00
l) Sewer main, 8" gravity (<16'-20' depth)	<u>0</u>	LF	\$104.00	0.00
m) Sewer main, force, (4")	<u>0</u>	LF	\$13.50	0.00
n) Sewer manhole (<=8' depth)	<u>2</u>	EA	\$3,700.00	7,400.00
o) Sewer manhole (<8'-12' depth)	<u>0</u>	EA	\$3,850.00	0.00
p) Sewer manhole (<12'-16' depth)	<u>0</u>	EA	\$5,500.00	0.00
q) Sewer manhole (<16'-20' depth)	<u>0</u>	EA	\$8,800.00	0.00
r) Sewer lateral, single	<u>0</u>	EA	\$900.00	0.00
s) Sewer lateral, double	<u>0</u>	EA	\$1,100.00	0.00
t) Lift Station	<u>1</u>	EA	\$150,000.00	150,000.00
u) Directional drill (<= 6" dia.)	<u>265</u>	LF	\$50.00	13,250.00
v) Directional drill (8"-10" dia.)	<u>0</u>	LF	\$88.00	0.00
w) Directional drill (12" or > dia.)	<u>0</u>	LF	\$140.00	0.00
			Subtotal	\$178,938.50

TRAFFIC

a) Signage	<u>1</u>	LS	\$2,500.00	2,500.00
b) Striping	<u>1</u>	LS	\$2,000.00	2,000.00
c) Control devices (signals)	<u>0</u>	EA	\$0.00	0.00
			Subtotal	\$4,500.00

SURVEY

a) Setting P.C.P.'s	<u>0</u>	LS	\$1,500.00	0.00
b) Setting and replacing all P.R.M.'s	<u>0</u>	LS	\$1,500.00	0.00
c) Setting all lot corners	<u>0</u>	LS	\$1,500.00	0.00
			Subtotal	\$0.00



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MISCELLANEOUS

a) 2" Forcemain	<u>435</u>	LF	\$10.00	4,350.00
b) Demolition of Existing Pavement	<u>438</u>	SY	\$12.69	5,558.22
c)	<u>0</u>		\$0.00	0.00

Subtotal \$9,908.22

TOTAL ESTIMATED COST OF IMPROVEMENTS \$268,966.66

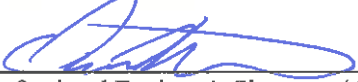
****Disclaimer****

- 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:

David C. Baggett, P.E.

Professional Engineer's Name



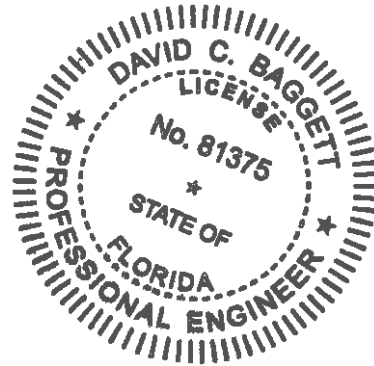
Professional Engineer's Signature / Seal

81375

P.E. No.

9/25/18

Date



Engineering Design & Const., Inc., C.A. #9935

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

10250 SW Village Parkway, Suite 201, Port St. Lucie, FL 34987

Firm's Address

772-462-2455

Phone No.

 10-4-18

County Engineer's (or designee) Acceptance