



**OSBORN
ENGINEERING**

ENGINEER'S OPINION OF PROBABLE COST



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PROJECT NAME: South Florida Gateway

PHASE/PARCEL/PLAT: SF Gateway

<u>ITEM</u>	<u>QTY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
EARTHWORK/SITEWORK				
a) Mobilization	1	LS	\$52,615.00	52,615.00
b) Clearing, grading and grubbing	142.7	AC	\$3,000.00	428,190.00
c) Excavation (cut)	356,862	CY	\$7.00	2,498,034.00
d) Embankment (fill)	257,950	CY	\$12.50	3,224,375.00
e) Sod and seed/mulch	15,850	SY	\$2.00	31,700.00
f) Concrete disposal	0.0	TN	\$60.00	0.00
g) Erosion control	1	LS	\$100,075.00	100,075.00
h) Fencing/railing	0	LS	\$0.00	0.00
i) Materials testing	1	LS	\$45,000.00	45,000.00
			Subtotal	6,379,989.00
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	13,615	SY	\$7.50	102,112.50
d) Paving base, optional base group 6	0	SY	\$12.50	0.00
e) Paving base, optional base group 9	13,000	SY	\$15.50	201,500.00
f) Paving base, other	0	SY	\$0.00	0.00
g) Asphaltic concrete, SP-9.5, 2" thick	12,375	SY	\$15.00	185,625.00
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	3,958	LF	\$14.25	56,401.50
q) Sidewalk, 6' wide	2,162	LF	\$25.00	54,050.00
r) Maintenance of traffic (M.O.T.)	0	LS	\$0.00	0.00
			Subtotal	599,689.00
DRAINAGE				
a) Inlets / Manholes (<10' depth)	22	EA	\$3,000.00	66,000.00
b) Inlets / Manholes (10' or > depth)	0	EA	\$4,000.00	0.00
c) Control structures	2	EA	\$6,000.00	12,000.00
d) Endwalls	9	EA	\$6,500.00	58,500.00
e) Rip-rap	426	CY	\$80.00	34,080.00
f) Storm culvert, 15" dia. or equiv.	0	LF	\$28.00	0.00

g) Storm culvert, 18" dia. or equiv.	803	LF	\$34.00	27,302.00
h) Storm culvert, 24" dia. or equiv.	2,007	LF	\$48.00	96,336.00
i) Storm culvert, 30" dia. or equiv.	2,518	LF	\$65.00	163,670.00
j) Storm culvert, 36" dia. or equiv.	172	LF	\$88.00	15,136.00
k) Storm culvert, 48" dia. Or equiv.	572	LF	\$125.00	71,500.00
l) Exfiltration trench	0	LF	\$100.00	0.00

Subtotal	544,524.00
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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"	3,272	LF	\$23.50	76,892.00
d) Water main, 10"	3,690	LF	\$31.25	115,312.50
e) Water main, 12"	4,790	LF	\$40.00	191,600.00
f) Water service, single	0	EA	\$790.00	0.00
g) Water service, double	0	EA	\$930.00	0.00
h) Fire hydrant assembly	10	EA	\$3,600.00	36,000.00
i) Sewer main, 8" gravity (<=8' depth)	0	LF	\$28.00	0.00
j) Sewer main, 8" gravity (<8'-12' depth)	0	LF	\$43.00	0.00
k) Sewer main, 8" gravity (<12'-16' depth)	0	LF	\$88.00	0.00
l) Sewer main, 8" gravity (<16'-20' depth)	0	LF	\$104.00	0.00
m) Sewer main, force, (4")	9,782	LF	\$13.50	132,057.00
n) Sewer manhole (<=8' depth)	0	EA	\$2,900.00	0.00
o) Sewer manhole (<8'-12' depth)	0	EA	\$3,850.00	0.00
p) Sewer manhole (<12'-16' depth)	0	EA	\$5,500.00	0.00
q) Sewer manhole (<16'-20' depth)	0	EA	\$8,800.00	0.00
r) Sewer lateral, single	0	EA	\$900.00	0.00
s) Sewer lateral, double	0	EA	\$1,100.00	0.00
t) Lift Station	0	EA	\$0.00	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	\$551,861.50
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TRAFFIC

a) Signage	1	LS	\$25,000.00	25,000.00
b) Striping / Signage	1	LS	\$46,613.00	46,613.00
c) Control devices (signals)	0	EA	\$0.00	0.00

Subtotal	\$71,613.00
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SURVEY

a) Setting P.C.P.'s	1	LS	\$2,100.00	2,100.00
b) Setting and replacing all P.R.M.'s	1	LS	\$3,500.00	3,500.00
c) Setting all lot corners	1	LS	\$2,500.00	2,500.00

Subtotal	\$8,100.00
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MISCELLANEOUS

a) 7'x8' Box Culvert	376	LF	\$1,061.00	398,936.00
b) Box Culvert Endwalls	2	EA	\$74,215.00	148,430.00
c)	0		\$0.00	0.00

Subtotal	\$547,366.00
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TOTAL ESTIMATED COST OF IMPROVEMENTS

\$8,703,142.50

Is this related to a Development Order? Yes or No

If no, then the security shall be 110% of Engineers Opinion of Probable Cost

110% of Engineers Opinion of Probable Cost

\$8,703,142.50

****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: Jonathan J Gotwald, PE
Professional Engineer's Name
Jonathan J Gotwald
Professional Engineer's Signature / Seal

35531

P.E. No.

03/29/2022

Date

Osborn Engineering

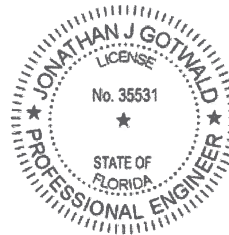
Firm's Name and Licensed Business No. (if applicable)

360 Central Ave, Suite 1150, St Petersburg, FL 33701

Firm's Address

727 209 0436 (x-6305)

Phone No.



Clayton D. Budgman 06/28/2022
County Engineer's (or designee) Acceptance