

MARTIN COUNTY PUBLIC WORKS DEPARTMENT ENGINEER'S OPINION OF PROBABLE COST



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PROJECT NAME: Pulte Kanner/95

PHASE/PARCEL/PLAT: _____

05-39-41-000-000-00130-4
05-39-41-003-000-00001-7

<u>ITEM</u>	<u>QTY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
EARTHWORK/SITWORK				
a) Mobilization	1	LS	\$100,000.00	100,000.00
b) Clearing, grading and grubbing	11.98	AC	\$3,000.00	35,940.00
c) Excavation (cut)	18,068	CY	\$7.00	126,476.00
d) Embankment (fill)	27,506	CY	\$12.50	343,825.00
e) Sod and seed/mulch	20,976	SY	\$2.00	41,952.00
f) Concrete disposal	825.0	TN	\$60.00	49,500.00
g) Erosion control	1	LS	\$10,000.00	10,000.00
h) Fencing/railing	1	LS	\$25,000.00	25,000.00
i) Materials testing	1	LS	\$19,500.00	19,500.00
			Subtotal	752,193.00
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	6,188	SY	\$7.50	46,410.00
d) Paving base, optional base group 6	6,136	SY	\$12.50	76,700.00
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	6,094	SY	\$15.00	91,410.00
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	4,815	LF	\$14.25	68,613.75
q) Sidewalk, 6' wide	2,202	LF	\$25.00	55,050.00
r) Maintenance of traffic (M.O.T.)	1	LS	\$7,500.00	7,500.00
			Subtotal	345,683.75
DRAINAGE				
a) Inlets / Manholes (<10' depth)	30	EA	\$3,000.00	90,000.00
b) Inlets / Manholes (10' or > depth)	0	EA	\$4,000.00	0.00
c) Control structures	1	EA	\$6,000.00	6,000.00
d) Endwalls	0	CY	\$700.00	0.00
e) Rip-rap	0	CY	\$80.00	0.00
f) Storm HDPE, 12" dia. or equiv.	757	LF	\$28.00	21,196.90

g) Storm HDPE, 15" dia. or equiv.	<u>66</u>	LF	\$28.00	1,848.00
h) Storm HDPE, 18" dia. or equiv.	<u>141</u>	LF	\$28.00	3,948.00
i) Storm culvert, 18" dia. or equiv.	<u>135</u>	LF	\$34.00	4,590.00
j) Storm culvert, 24" dia. or equiv.	<u>632</u>	LF	\$48.00	30,336.00
k) Storm culvert, 30" dia. or equiv.	<u>468</u>	LF	\$65.00	30,420.00
l) Storm culvert, 36" dia. or equiv.	<u>592</u>	LF	\$88.00	52,096.00
m) Storm culvert, 42" dia. Or equiv.	<u>0</u>	LF	\$125.00	0.00
n) Storm culvert, 48" dia. Or equiv.	<u>0</u>	LF	\$125.00	0.00
o) Storm culvert, 54" dia. Or equiv.	<u>0</u>	LF	\$125.00	0.00
p) Exfiltration trench	<u>0</u>	LF	\$100.00	0.00
			Subtotal	240,434.90

UTILITIES

a) Water main, 4"	<u>166</u>	LF	\$13.00	2,158.00
b) Water main, 6"	<u>1,695</u>	LF	\$17.50	29,662.50
c) Water main, 8"	<u>22</u>	LF	\$23.50	517.00
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, triple	<u>20</u>	EA	\$930.00	18,600.00
g) Water service, double	<u>19</u>	EA	\$930.00	17,670.00
h) Fire hydrant assembly	<u>5</u>	EA	\$3,600.00	18,000.00
i) Sewer main, 8" gravity (<=8' depth)	<u>427</u>	LF	\$28.00	11,956.00
j) Sewer main, 8" gravity (<8'-12' depth)	<u>1,547</u>	LF	\$43.00	66,521.00
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, (6")	<u>0</u>	LF	\$15.00	0.00
n) Sewer manhole (<=8' depth)	<u>0</u>	EA	\$2,900.00	0.00
o) Sewer manhole (<8'-12' depth)	<u>11</u>	EA	\$3,850.00	42,350.00
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>1</u>	EA	\$900.00	900.00
s) Sewer lateral, double	<u>48</u>	EA	\$1,100.00	52,800.00
t) Lift Station	<u>0</u>	EA	\$0.00	0.00
u) Directional drill (<= 6" dia.) (6" force)	<u>130</u>	LF	\$50.00	6,500.00
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	\$267,634.50

TRAFFIC

a) Signage	<u>1</u>	LS	\$15,275.00	15,275.00
b) Striping	<u>1</u>	LS	\$25,425.00	25,425.00
c) Control devices (signals)	<u>0</u>	EA	\$0.00	0.00
			Subtotal	\$40,700.00

SURVEY

a) Setting P.C.P.'s	<u>1</u>	LS	\$1,050.00	1,050.00
b) Setting and replacing all P.R.M.'s	<u>1</u>	LS	\$3,360.00	3,360.00
c) Setting all lot corners	<u>1</u>	LS	\$7,680.00	7,680.00
			Subtotal	\$12,090.00

MISCELLANEOUS

a) <u>Amenity Facilities</u>	<u>1</u>	<u>LS</u>	<u>\$400,000.00</u>	<u>400,000.00</u>
b) <u>Ex Structural Demo and Haul</u>	<u>1</u>	<u>LS</u>	<u>\$66,950.00</u>	<u>66,950.00</u>
c) <u>Yard Drains</u>	<u>10</u>	<u>EA</u>	<u>\$2,250.00</u>	<u>22,500.00</u>
d) <u>Pedestrian Path</u>	<u>399</u>	<u>LF</u>	<u>\$13.50</u>	<u>5,386.50</u>
			Subtotal	\$494,836.50

TOTAL ESTIMATED COST OF IMPROVEMENTS \$2,153,572.65

Is this related to a Development Order? Yes or No YES

If no, then the security shall be 110% of Engineers Opinion of Probable Cost
110% of Engineers Opinion of Probable Cost \$2,153,572.65

****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, DAVID C. BAGGETT
Professional Engineer's Name
[Signature]
Professional Engineer's Signature Seal
81375
P.E. No.

6/28/2023
Date

Engineering Design and Construction, Inc (Lic No. 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.

[Signature] 2-16-2024
County Engineer's (or designee) Acceptance