

MAR 28 2024

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

GROWTH MANAGEMENT  
DEPARTMENT



This document may be reproduced upon request in an alternative format by contacting the County ADA Coordinator (772) 320-3131, the County Administration Office (772) 288-5400, Florida Relay 711, or by completing our accessibility feedback form at [www.martin.fl.us/accessibility-feedback](http://www.martin.fl.us/accessibility-feedback).

**PROJECT NAME:** Discovery PUD

**PHASE/PARCEL/PLAT:** N/A

<u>ITEM</u>	<u>QTY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
<b>EARTHWORK/SITWORK</b>				
a) Mobilization	<u>1</u>	LS	\$500,000.00	500,000.00
b) Clearing, grading and grubbing	<u>1,530.9</u>	AC	\$3,000.00	4,592,700.00
c) Excavation (cut)	<u>0</u>	CY	\$7.00	0.00
d) Embankment (fill)	<u>0</u>	CY	\$12.50	0.00
e) Sod and seed/mulch	<u>1,852,122</u>	SY	\$2.00	3,704,244.00
f) Concrete disposal	<u>0.0</u>	TN	\$60.00	0.00
g) Erosion control	<u>1</u>	LS	\$10,000.00	10,000.00
h) Fencing/railing	<u>0</u>	LS	\$0.00	0.00
i) Materials testing	<u>1</u>	LS	\$100,000.00	100,000.00
			<b>Subtotal</b>	<b>8,906,944.00</b>
<b>ROADWORK</b>				
a) Asphalt milling, 1" avg.	<u>0</u>	SY	\$1.50	0.00
b) Stabilized subgrade, roll in place	<u>0</u>	SY	\$3.00	0.00
c) Stabilized subgrade, Type B, 12" thick	<u>237,243</u>	SY	\$7.50	1,779,322.50
d) Paving base, optional base group 6	<u>226,655</u>	SY	\$12.50	2,833,187.50
e) Paving base, optional base group 9	<u>0</u>	SY	\$15.50	0.00
f) Paving base, other	<u>0</u>	SY	\$0.00	0.00
g) Asphaltic concrete, SP-9.5, 1-1/2" thick	<u>208,252</u>	SY	\$15.00	3,123,780.00
h) Asphaltic concrete, SP-9.5, 2 1/2" thick	<u>0</u>	SY	\$25.00	0.00
i) Asphaltic concrete, SP-9.5, 3" thick	<u>0</u>	SY	\$30.00	0.00
j) Asphalt overlay, SP-9.5 (<= 150 tons)	<u>0.0</u>	TN	\$150.00	0.00
k) Asphalt overlay, SP-9.5 (> 150 tons)	<u>0.0</u>	TN	\$120.00	0.00
l) Pervious asphalt or concrete	<u>1,100</u>	SY	\$60.00	66,000.00
m) Concrete curb & gutters	<u>111,508</u>	LF	\$14.25	1,588,989.00
q) Sidewalk, 6' wide	<u>21,588</u>	LF	\$25.00	539,700.00
r) Maintenance of traffic (M.O.T.)	<u>1</u>	LS	\$15,000.00	15,000.00
			<b>Subtotal</b>	<b>9,945,979.00</b>
<b>DRAINAGE</b>				
a) Inlets / Manholes (<10' depth)	<u>207</u>	EA	\$3,000.00	621,000.00
b) Inlets / Manholes (10' or > depth)	<u>76</u>	EA	\$4,000.00	304,000.00
c) Control structures	<u>3</u>	EA	\$6,000.00	18,000.00
d) Endwalls	<u>130</u>	CY	\$700.00	91,000.00
e) Rip-rap	<u>1,500</u>	CY	\$80.00	120,000.00
f) Storm culvert, 15" dia. or equiv.	<u>3,215</u>	LF	\$28.00	90,020.00

g) Storm culvert, 18" dia. or equiv.	<u>4,323</u>	LF	\$34.00	146,982.00
h) Storm culvert, 24" dia. or equiv.	<u>14,852</u>	LF	\$48.00	712,896.00
i) Storm culvert, 30" dia. or equiv.	<u>2,217</u>	LF	\$65.00	144,105.00
j) Storm culvert, 36" dia. or equiv.	<u>23,495</u>	LF	\$88.00	2,067,560.00
k) Storm culvert, 48" dia. Or equiv.	<u>9,654</u>	LF	\$125.00	1,206,750.00
l) Exfiltration trench	<u>0</u>	LF	\$100.00	0.00
			<b>Subtotal</b>	<b>5,522,313.00</b>

UTILITIES

a) Water main, 4"	<u>224</u>	LF	\$13.00	2,912.00
b) Water main, 6"	<u>229</u>	LF	\$17.50	4,007.50
c) Water main, 8"	<u>20,196</u>	LF	\$23.50	474,606.00
d) Water main, 10"	<u>0</u>	LF	\$31.25	0.00
e) Water main, 12"	<u>39,245</u>	LF	\$40.00	1,569,800.00
f) Water service, single	<u>117</u>	EA	\$790.00	92,430.00
g) Water service, double	<u>100</u>	EA	\$930.00	93,000.00
h) Fire hydrant assembly	<u>93</u>	EA	\$3,600.00	334,800.00
i) Sewer main, 8" gravity (<=8' depth)	<u>15,982</u>	LF	\$28.00	447,496.00
j) Sewer main, 8" gravity (<8'-12' depth)	<u>12,200</u>	LF	\$43.00	524,600.00
k) Sewer main, 8" gravity (<12'-16' depth)	<u>10,800</u>	LF	\$88.00	950,400.00
l) Sewer main, 8" gravity (<16'-20' depth)	<u>4,300</u>	LF	\$104.00	447,200.00
m) Sewer main, force, (4")	<u>23,539</u>	LF	\$13.50	317,776.50
n) Sewer manhole (<=8' depth)	<u>102</u>	EA	\$2,900.00	295,800.00
o) Sewer manhole (<8'-12' depth)	<u>60</u>	EA	\$3,850.00	231,000.00
p) Sewer manhole (<12'-16' depth)	<u>40</u>	EA	\$5,500.00	220,000.00
q) Sewer manhole (<16'-20' depth)	<u>22</u>	EA	\$8,800.00	193,600.00
r) Sewer lateral, single	<u>117</u>	EA	\$900.00	105,300.00
s) Sewer lateral, double	<u>100</u>	EA	\$1,100.00	110,000.00
t) Lift Station	<u>11</u>	EA	\$250,000.00	2,750,000.00
u) Directional drill (<= 6" dia.)	<u>0</u>	LF	\$50.00	0.00
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
			<b>Subtotal</b>	<b>\$9,164,728.00</b>

TRAFFIC

a) Signage	<u>0</u>	LS	\$0.00	0.00
b) Striping	<u>0</u>	LS	\$0.00	0.00
c) Control devices (signals)	<u>1</u>	EA	\$300,000.00	300,000.00
			<b>Subtotal</b>	<b>\$300,000.00</b>

SURVEY

a) Setting P.C.P.'s	<u>1</u>	LS	\$50,000.00	50,000.00
b) Setting and replacing all P.R.M.'s	<u>1</u>	LS	\$50,000.00	50,000.00
c) Setting all lot corners	<u>1</u>	LS	\$50,000.00	50,000.00
			<b>Subtotal</b>	<b>\$150,000.00</b>

MISCELLANEOUS

a) 60" HPPP DRAINAGE PIPE	<u>20465</u>	LF	\$150.00	3,069,750.00
b) " CAP DRAINAGE PIPE	<u>360</u>	LF	\$150.00	54,000.00
c)				
			<b>Subtotal</b>	<b>\$3,123,750.00</b>

