

EXHIBIT A

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JUL 29 2024

GROWTH MANAGEMENT
DEPARTMENT



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

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County Project / Permit No: P172-016 *(Example: A100-001 or ENG2024010001)*

Newfield Phase 1A-1
Model Row PLAT

	<u>QTY</u>	<u>UNIT</u>	<u>UNIT COST</u>	<u>COST</u>
SITework AND EARTHWORK				
Mobilization	1	LS	\$50,000	\$50,000
Erosion control	1	LS	\$20,000	\$20,000
Clearing and grubbing (≤ 5 acres)	5.0	AC	\$15,000	\$75,000
Clearing and grubbing (> 5 acres)	2.2	AC	\$20,000	\$43,600
Concrete disposal	0.0	TN	\$90.00	\$0
Utility relocation / adjustment	1	LS	\$0	\$0
Excavation (cut)	0	CY	\$19.50	\$0
Embankment (fill)	0	CY	\$28.00	\$0
Fences / railings	0	LF	\$113.50	\$0
Sod and / or seed and mulch	0	SY	\$3.00	\$0
Materials testing	1	LS	\$25,000	\$25,000
			Subtotal:	\$213,600
ROADWORK				
Maintenance of traffic	1	LS	\$0	\$0
Asphalt milling (1" avg.)	0.0	DAY	\$17,450	\$0
Stabilized subgrade (type B, LBR-40)	7,604	SY	\$22.00	\$167,288
Paving base (optional base group 6)	0	SY	\$26.50	\$0
Paving base (optional base group 9)	2,890	SY	\$42.50	\$122,812
Superpave asphaltic concrete (1")	1,901	SY	\$21.50	\$40,872
Superpave asphaltic concrete (1½")	3,485	SY	\$32.00	\$111,520
Superpave asphaltic concrete (2")	0	SY	\$43.00	\$0
Asphalt overlay (≤ 50 tons)	0.0	TN	\$595.00	\$0
Asphalt overlay (51 - 150 tons)	0.0	TN	\$315.00	\$0
Asphalt overlay (> 151 tons)	0.0	TN	\$250.00	\$0
Pervious asphalt or concrete (6")	0	SY	\$95.00	\$0
Concrete curb and/or gutter	4,147	LF	\$34.50	\$143,072
Sidewalk (6')	3,653	LF	\$41.50	\$151,600
Multimodal path (10')	0	LF	\$70.00	\$0
			Subtotal:	\$737,165

DRAINAGE

Inlets / Manholes (≤ 10')	<u>26</u>	EA	\$6,050	\$157,300
Inlets / Manholes (> 10')	<u>0</u>	EA	\$13,150	\$0
Control structures	<u>0</u>	EA	\$9,080	\$0
Mitered end sections (≤ 24" or equiv.)	<u>0</u>	EA	\$2,020	\$0
Mitered end sections (> 30" or equiv.)	<u>0</u>	EA	\$4,750	\$0
Endwalls	<u>0</u>	CY	\$980.00	\$0
Rip-rap	<u>0</u>	TN	\$139.00	\$0
Storm culvert (15" or equiv.)	<u>0</u>	LF	\$73.00	\$0
Storm culvert (18" or equiv.)	<u>1,271</u>	LF	\$89.00	\$113,146
Storm culvert (24" or equiv.)	<u>132</u>	LF	\$129.00	\$17,028
Storm culvert (30" or equiv.)	<u>53</u>	LF	\$171.00	\$9,063
Storm culvert (36" or equiv.)	<u>100</u>	LF	\$244.00	\$24,400
Storm culvert (48" or equiv.)	<u>195</u>	LF	\$324.00	\$63,060
Box culvert	<u>0</u>	EA	<u>\$0.00</u>	\$0
Exfiltration trench (15")	<u>0</u>	LF	\$188.00	\$0
Exfiltration trench (18" - 24")	<u>0</u>	LF	\$206.00	\$0
Storage chamber system	<u>1</u>	LS	<u>\$0.00</u>	\$0
			Subtotal:	\$384,000

UTILITIES

Directional drill (≤ 6")	<u>0</u>	LF	\$55.00	\$0
Directional drill (8" - 10")	<u>0</u>	LF	\$130.00	\$0
Directional drill (> 12")	<u>0</u>	LF	\$300.00	\$0
Water main (4")	<u>0</u>	LF	\$40.00	\$0
Water main (6")	<u>55</u>	LF	\$50.00	\$2,750
Water main (8")	<u>1,924</u>	LF	\$65.00	\$125,060
Water main (10" - 12")	<u>843</u>	LF	\$150.00	\$126,450
Water service (single)	<u>15</u>	EA	\$2,100	\$31,500
Water service (double)	<u>13</u>	EA	\$2,300	\$29,900
Fire hydrant assembly	<u>8</u>	EA	\$8,600	\$68,800
Sewer gravity (≤ 8')	<u>757</u>	LF	\$66.00	\$49,962
Sewer manhole (≤ 8')	<u>9</u>	EA	\$6,850	\$61,650
Sewer gravity (< 8' - 12')	<u>2,087</u>	LF	\$101.00	\$210,787
Sewer manhole (< 8' - 12')	<u>0</u>	EA	\$9,050	\$0
Sewer gravity (< 12' - 16')	<u>0</u>	LF	\$206.50	\$0
Sewer manhole (< 12' - 16')	<u>0</u>	EA	\$12,950	\$0
Sewer gravity (< 16')	<u>0</u>	LF	\$244.00	\$0
Sewer manhole (< 16')	<u>0</u>	EA	\$20,650	\$0
Sewer lateral (single)	<u>25</u>	EA	\$1,700	\$42,500
Sewer lateral (double)	<u>0</u>	EA	\$2,400	\$0
Sewer force main (4")	<u>0</u>	LF	\$33.00	\$0
Lift station	<u>1</u>	EA	<u>\$550,000</u>	\$550,000
			Subtotal:	\$1,299,360

TRAFFIC CONTROL

Signage	<u>1</u>	LS	<u>\$15,000</u>	\$15,000
Pavement markings	<u>1</u>	LS	<u>\$20,000</u>	\$20,000
Flashing beacons	<u>0</u>	EA	\$7,050	\$0
Traffic signal or roundabout	<u>0</u>	EA	<u>\$0</u>	\$0
			Subtotal:	\$35,000

SURVEY

Setting P.C.P.'s	1	LS	<u>\$10,000</u>	\$10,000
Setting and replacing P.R.M.'s	1	LS	<u>\$0</u>	\$0
Setting all lot corners	1	LS	<u>\$0</u>	\$0
			Subtotal:	\$10,000

MISCELLANEOUS

Lighting system	1	LS	<u>\$205,500</u>	\$205,500
Landscape and irrigation system	1	LS	<u>\$300,000</u>	\$300,000
			Subtotal:	\$505,500

OTHER

Storm Culvert (42")	<u>469</u>		<u>\$500</u>	\$234,500
Sewer force main (8")	<u>676</u>		<u>\$95</u>	\$64,220
	<u>0</u>		<u>\$0</u>	\$0
			Subtotal:	\$298,720

Opinion of Probable Cost : \$3,483,345

Is this related to an approved Development Order (Yes or No)? **Yes**

(Security for Engineering Services' Permits shall be 110% of Engineers Opinion of Probable Cost)

Required Security: \$3,483,345

Prepared by: Michael F. Schwartz, P.E.

Professional Engineer's Name

Professional Engineer's Signature/ Seal

56200

P.E. No.

6/25/2024

Date

Kimley-Horn and Associates, Inc.

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

1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411

Firm's Address

Phone No.

Piche 8-6-2024

County Engineer's (or designee) Acceptance

