

Appendix A

Construction Cost Estimate

Project: Cordial Dr. Water Main Installation

CIP Cat:

CP No:

Scope: This project installs 330 LF of 6" Water Main, 380 LF of 4" Water Main, one Fire Hydrant Assembly, and sixteen water services.

Project Mgr: W/WWW D&C

Estimator: J. B. Sencer

Revision No:

Date: 2/12/2021

Estimate No.: 1

PROJECT DEFINITION

CLASS 4

		Accuracy Range		30% + 50%	
Construction					
Item No.	Description	Qty	Unit	Unit Price	Total
1	10" x 6" Tapping Sleeve & Valve	1	EA	\$ 3,614.38	\$3,614
2	6" DR 18 PVC Water Main	330	LF	74.25	\$24,503
3	4" DR 18 PVC Water Main	380	LF	54.00	\$20,520
4	Fire Hydrant Assembly	1	EA	\$ 3,364.38	\$3,364
5	3/4" Meter Fee	16	EA	202.33	\$3,237
6	3/4" Meter Water Tap Fee	16	EA	610.00	\$9,760
7	3/4" Meter Water Capacity Fee	16	EA	339.50	\$5,432
8	3/4" Meter Water Growth Capacity Fee	16	EA	917.00	\$14,672
				Construction Subtotal	\$85,103

Additional Direct Costs

Item No.	Description	%	Material	Labor	Equipment	Other/Sub-Cont.	Total
1	SWA Contingency	15%	\$0	\$0	\$0	\$0	\$12,765
						Additional Direct Costs Subtotal	\$12,765

Indirect Costs

Item No.	Description	%	Labor	Sub-Cont.	Total
1	Project Management	6.0%	\$5,106	\$0	\$5,106
2	Engineering	5.0%	\$4,255	\$0	\$4,255
3	Services During Construction	6.0%	\$5,106	\$0	\$5,106
4	Real Estate	2.0%	\$1,702	\$0	\$1,702
5	Miscellaneous	2.0%	\$1,702	\$0	\$1,702
				Indirect Costs Subtotal	\$17,872

				Total Project Cost	\$115,739
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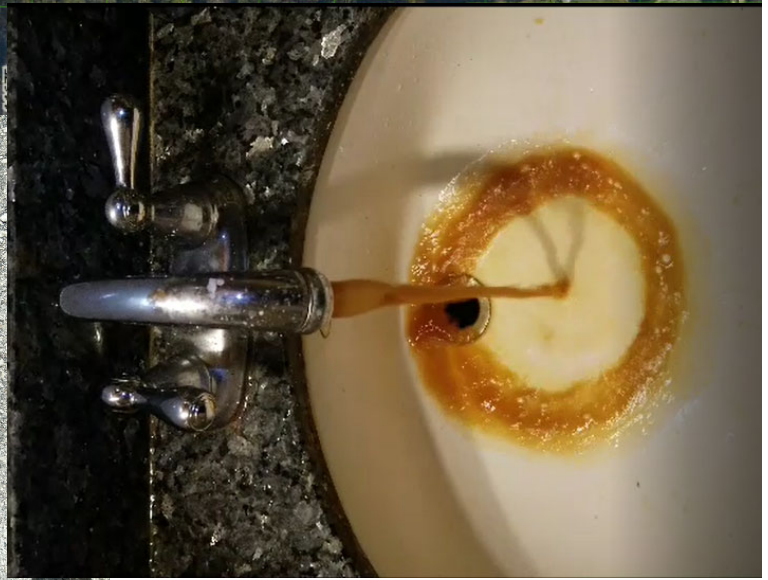
Cordial Road (Greenland Heights) Installation of City Water Services

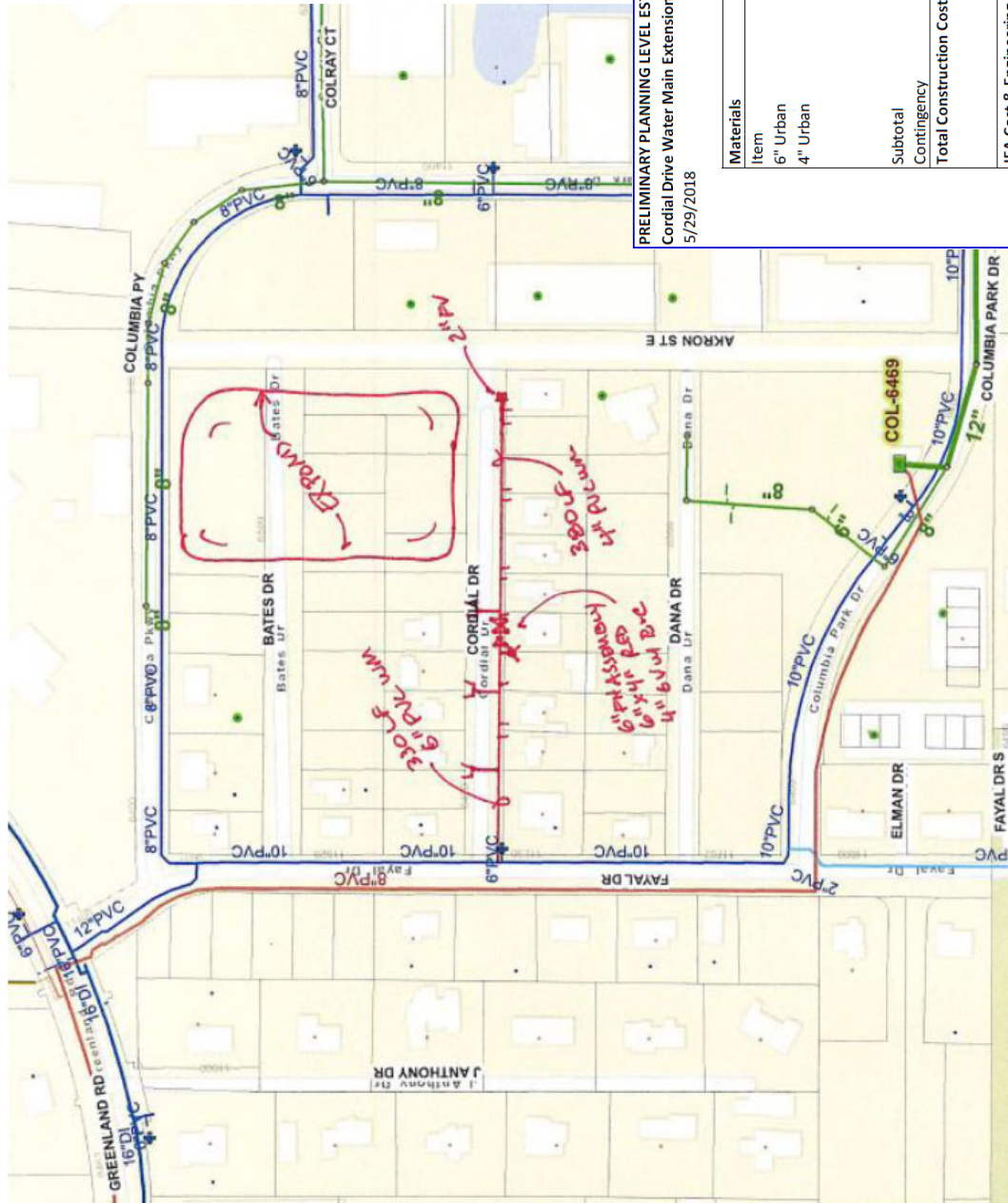


June 4th, 2019

Presented by CM Danny Becton, District 11

Out of 10 residents surveyed, 9 have "failed wells" and have no drinking water available. One resident has an artesian well but would support a community initiative to connect to city water services.





PRELIMINARY PLANNING LEVEL ESTIMATE
 Cordial Drive Water Main Extension
 5/29/2018

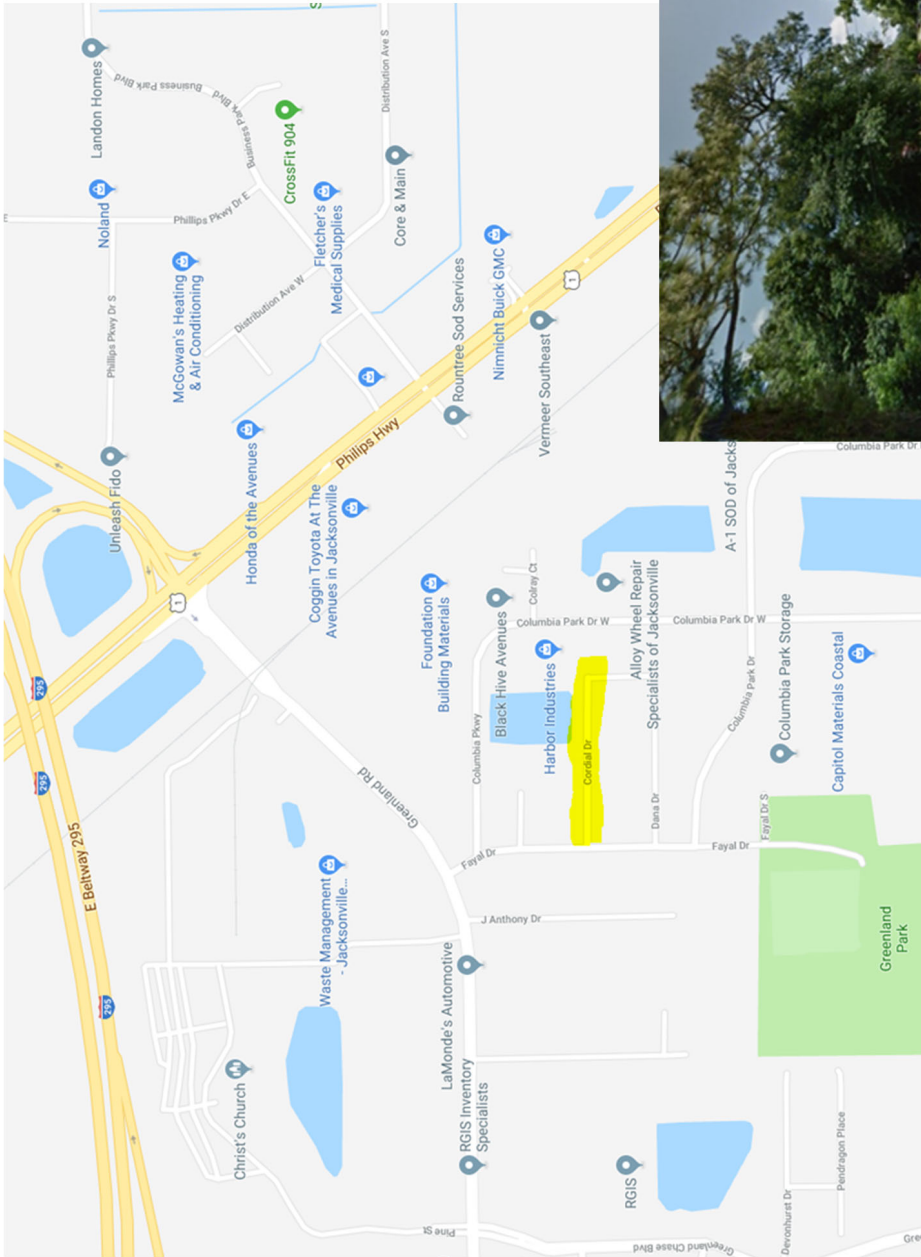
Assuming the properties will require individual 3/4" water meters, the meter and capacity fees are estimated as \$1,458.83 per property .

Total Connect Fee Est: \$17,505.96*

*** does not include plumbing cost**

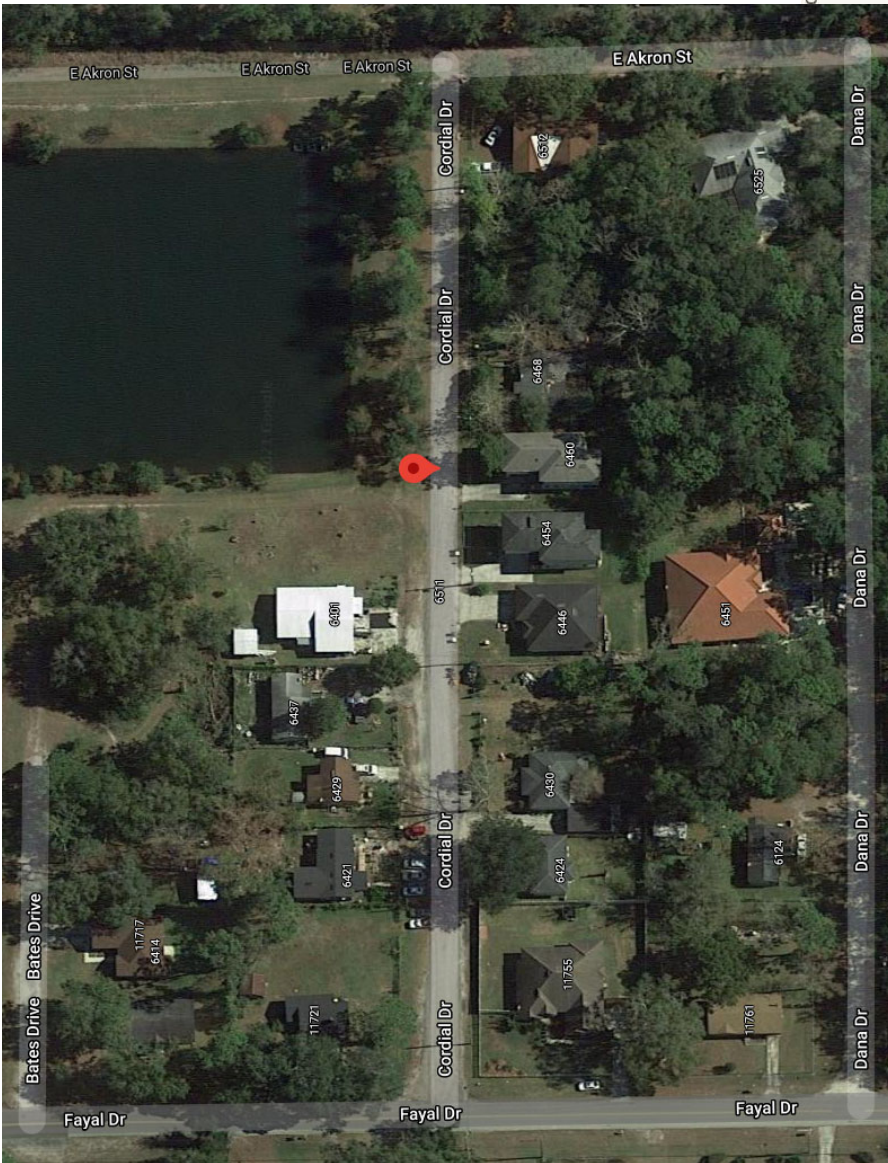
Materials	Item	Unit	Unit Price	Quantity	Amount
6" Urban	LF	\$	90.00	330	\$ 29,700.00
	LF	\$	60.00	380	\$ 22,800.00
4" Urban	LF	\$	-	-	\$ -
	LF	\$	-	-	\$ -
Subtotal					\$ 52,500.00
Contingency				20%	\$ 10,500.00
Total Construction Cost					\$ 63,000.00
JEA Cost & Engineering					
Project Management			3%		\$ 1,575.00
Cost & Scheduling			0%		\$ -
Engineering			25%		\$ 13,125.00
Services During Construction			5%		\$ 2,625.00
Miscellaneous			10%		\$ 5,250.00
Easement	AC	\$	-		\$ -
Subtotal					\$ 22,575.00
Total Project Costs					\$ 90,000.00

Water Installation Estimated at \$90,000*
 (2018 JEA Estimated Costs)



Cordial Drive, Is currently a "Tax-Reverted" Road

Cordial Drive



Current Well Positions on Properties