

Exhibit D

Sugar Creek Town Homes Off-Site Water Improvements (w/out Main St B&J)

Opinion of Project Cost

8-Jul-24

Water Service Improvements w/out Betterment

Item	Description	Quantity	Unit Price	Total
<u>Sugar Creek Lane WL</u>				
1	8-inch DIP in Paved Areas	50 LF	\$180.00 /LF	\$9,000
2	8-inch DIP in Easement Areas	680 LF	\$150.00 /LF	\$102,000
3	Connections to Existing Line	2 EA	\$5,000.00 /EA	\$10,000
4	Fire Hydrant Assemblies	2 EA	\$5,000.00 /EA	\$10,000
5	Pavement Repair	50 LF	\$200.00 /LF	\$10,000
6	Erosion Control	750 LF	\$5.00 /LF	\$3,750
Subtotal				\$144,750
<u>Main Street WL Replacement</u>				
1	8-inch DIP in Paved Areas	80 LF	\$180.00 /LF	\$14,400
2	8-inch DIP in Easement Areas	300 LF	\$150.00 /LF	\$45,000
3	Abandon AC Pipe	380 LF	\$40.00 /LF	\$15,200
4	8-inch Gate Valves	2 EA	\$8,000.00 /EA	\$16,000
5	Connection to Ex 16-inch	1 EA	\$5,000.00 /EA	\$5,000
6	Mount Pleasant Village 1" Service F	1 EA	\$1,000.00 /EA	\$1,000
7	Pavement Repair	80 LF	\$200.00 /LF	\$16,000
8	Erosion Control	400 LF	\$5.00 /LF	\$2,000
Subtotal				\$114,600
Total Construction				\$259,350

Other Costs and Contingency

Construction Contingency (15%)	\$39,000
Survey Main Street WL	\$4,000
Design	\$20,500
TDOT Encroachment Application /Easement Document Prep	\$4,500
Engineering during Construction (hourly, as needed)	\$4,000
Resident Project Representative (Estimated 2 month duration)	\$28,000
Total Other Costs	\$100,000
Betterment Total Project Cost	
	\$359,350

Exhibit D

Water Service Improvements with Betterment

Item	Description	Quantity	Unit Price	Total
<u>Sugar Creek Lane WL</u>				
1	8-inch DIP in Paved Areas	50 LF	\$180.00 /LF	\$9,000
2	8-inch DIP in Easement Areas	680 LF	\$150.00 /LF	\$102,000
3	Connections to Existing Line	2 EA	\$5,000.00 /EA	\$10,000
4	Fire Hydrant Assemblies	2 EA	\$5,000.00 /EA	\$10,000
5	Pavement Repair	50 LF	\$200.00 /LF	\$10,000
6	Erosion Control	750 LF	\$5.00 /LF	\$3,750
Subtotal				\$144,750
<u>Main Street WL Replacement (Future Needs w/Betterment and Abandon 6-inch on East Side)</u>				
1	16-inch DIP in Paved Areas	80 LF	\$425.00 /LF	\$34,000
2	16-inch DIP in Easement Areas	300 LF	\$375.00 /LF	\$112,500
3	Abandon AC Pipe	380 LF	\$40.00 /LF	\$15,200
4	16-inch Butterfly Valves	2 EA	\$10,000.00 /EA	\$20,000
5	Connection to Ex 16-inch	1 EA	\$5,000.00 /EA	\$5,000
6	Mount Pleasant Village 1" Service F	1 EA	\$1,000.00 /EA	\$1,000
7	Main Street Long Side Service Reco	3 EA	\$3,000.00 /EA	\$9,000
8	Pavement Repair	80 LF	\$200.00 /LF	\$16,000
9	Erosion Control	400 LF	\$5.00 /LF	\$2,000
Subtotal				\$214,700
Total Construction				\$359,450

Other Costs and Contingency

Construction Contingency (15%)	\$54,000
Survey Main Street WL	\$4,000
^Design including profile for 16-inch	\$25,500
TDOT Encroachment Application /Easement Document Prep	\$4,500
Engineering during Construction (hourly, as needed)	\$4,000
Resident Project Representative (Estimated 2 month duration)	\$28,000
Total Other Costs	\$120,000
Betterment Total Project Cost	\$479,450

Total Additional Cost is Betterment is Constructed	\$120,100
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