



Anselmi Subdivision

Engineer's Cost Estimate

5/23/23

JNR

7152-19

Revised 2-5-24

Revised 4-8-24

Description	Qty.	Unit	Unit Price	Amount
Culinary Water				
6" Fire Hydrant W/ Acc. Valve	6	ea	\$5,950.00	\$35,700.00
Service Laterals	45	ea	\$1,890.00	\$85,050.00
8" Gate Valve	10	ea	\$4,100.00	\$41,000.00
Plug w/ 2" Blow-Off	3	ea	\$980.00	\$2,940.00
Connection to Existing	1	ea	\$7,800.00	\$7,800.00
Valve Collars	15	ea	\$700.00	\$10,500.00
Test & Chlorinate	1	l.s.	\$1,550.00	\$1,550.00
8" PVC Pipe	3,680	l.f.	\$43.00	\$158,240.00
Stub & Block	1	ea	\$375.00	\$375.00
Blow-Offs	4	ea	\$1,250.00	\$5,000.00
Water line Loops	1	ea	\$2,800.00	\$2,800.00
Utility Sleeves	3	ea	\$3,500.00	\$10,500.00
Fittings	11	ea	\$600.00	\$6,600.00
Engineered Trench Fill	2,420	tons	\$19.20	\$46,464.00
				\$414,519.00
Culinary Water in 1400 S				
8" PVC Pipe	375	l.f.	\$47.00	\$17,625.00
Asphalt Patch	1	ea	\$7,850.00	\$7,850.00
Haul away Asphalt Patch	1	ea	\$1,800.00	\$1,800.00
Traffic Control	1	ea	\$1,500.00	\$1,500.00
				\$28,775.00
Secondary Water				
12" PVC Pipe & Fittings	390	l.f.	\$79.00	\$30,810.00
8" PVC Pipe & Fittings	3,270	l.f.	\$40.00	\$130,800.00
Engineered Trench Fill	1780	tons	\$19.20	\$34,176.00
Fittings	8	ea	\$600.00	\$4,800.00
Connection to Existing at 4300	1	ea	\$4,300.00	\$4,300.00
12" Gate Valve	2	ea	\$5,700.00	\$11,400.00
8" Gate Valve	12	ea	\$4,000.00	\$48,000.00
Valve Collars	11	ea	\$700.00	\$7,700.00
Stub & Block	1	ea	\$1,250.00	\$1,250.00
Blow-Off	1	ea	\$1,250.00	\$1,250.00
Pressure Test	1	ea	\$1,200.00	\$1,200.00
Double Service Laterals	20	ea	\$4,950.00	\$99,000.00
Single Service Laterals	3	ea	\$3,900.00	\$11,700.00
Air-Vac. Assembly	4	ea	\$1,750.00	\$7,000.00
				\$393,386.00
Secondary Water in 1400 S				
8" PVC Pipe & Fittings	375	l.f.	\$44.00	\$16,500.00
Stub & Block	2	ea	\$1,250.00	\$2,500.00
4" Drain w/ Gate Valve. Drain to ditch	1	ea	\$5,650.00	\$5,650.00
Temp Air Vac	1	ea	\$2,200.00	\$2,200.00
				\$26,850.00
Sanitary Sewer				
12" PVC Pipe & Fittings	2,512	l.f.	\$74.00	\$185,888.00
10" PVC Pipe & Fittings	338	l.f.	\$58.00	\$19,604.00
8" PVC Pipe & Fittings	196	l.f.	\$46.00	\$9,016.00
Engineered Trench Fill	4,100	tons	\$19.20	\$78,720.00
5' Diameter Manhole	5	ea	\$5,150.00	\$25,750.00
4' Diameter Manhole	11	ea	\$4,550.00	\$50,050.00
4" Service Lateral	45	ea	\$1,050.00	\$47,250.00
Camera and Clean	1	l.s.	\$5,025.90	\$5,025.90
Asphalt Patch	1	l.s.	\$8,900.00	\$8,900.00
Utility Sleeves	20	ea	\$4,200.00	\$84,000.00
Manhole Collars	16	ea	\$750.00	\$12,000.00
De-Watering	1	l.s.	\$12,000.00	\$12,000.00

\$538,203.90

Storm Drain

24" R.C.P. Pipe	1,510 l.f.	\$66.00	\$99,660.00
15" R.C.P. Pipe	882 l.f.	\$48.00	\$42,336.00
18" R.C.P. Pipe	516 l.f.	\$54.00	\$27,864.00
24" Flare End Section	1 ea	\$1,475.00	\$1,475.00
Engineered Trench Fill	1,740 tons	\$19.20	\$33,408.00
Inlet Box	6 ea	\$2,400.00	\$14,400.00
Combo Box	12 ea	\$4,250.00	\$51,000.00
5' Diameter Manhole	2 ea	\$2,200.00	\$4,400.00
Control Box	1 ea	\$6,250.00	\$6,250.00
Cmaera & Clean	1 ea	\$5,900.00	\$5,900.00
Manhole Collars	2 ea	\$700.00	\$1,400.00
Excavation of Detention Basin	1 l.s.	\$15,600.00	\$15,600.00
Final grading and placement of hydrdoseed and Irr	1 l.s.	\$19,500.00	\$19,500.00

\$323,193.00

Irrigation

18" R.C.P. Pipe	440 l.f.	\$58.00	\$25,520.00
15" R.C.P. Pipe	300 l.f.	\$48.00	\$14,400.00
Box with Slide Gate	1 ea	\$4,200.00	\$4,200.00
Box for 15"	1 ea	\$2,800.00	\$2,800.00
Engineered Trench Fill	1,740 tons	\$19.20	\$33,408.00

\$80,328.00

Street Improvements

Curb & Gutter	6,880 l.f.	\$32.50	\$223,600.00
Std. 4' wide Sidewalk	5,250 l.f.	\$35.00	\$183,750.00
Clear & Grub Roadway	1 l.s.	\$49,228.00	\$49,228.00
10' Wide Sidewalk	1,480 l.f.	\$87.50	\$129,500.00
6" Sub Base, 9" Gravel Base and 3" Asphalt Surface	116,000 s.f.	\$4.21	\$488,360.00
Fine Grading	1 ea	\$20,000.00	\$20,000.00
Compaction Testing for Proejct	1 ea	\$7,500.00	\$7,500.00
Structural Import for Roadway	6,880 tons	\$19.20	\$132,096.00
Finish grading of Park Strip (Materials per homeowner)	1 l.s.	\$8,500.00	\$8,500.00

\$1,242,534.00

Misc.

Survey Street Monuments	6 ea	\$980.00	\$5,880.00
Dry Utilites	1 l.s.	\$79,450.00	\$79,450.00
Street Signs	10 ea	\$350.00	\$3,500.00
Street Lights	3 ea	\$16,000.00	\$48,000.00
ADA Ramps	2 ea	\$2,300.00	\$4,600.00
SWPPP	1 l.s.	\$22,420.00	\$22,420.00

\$163,850.00

Subtotal

\$3,211,638.90

Contingency (10%)

\$321,163.89

Total Estimated Cost

\$3,532,802.79