



CORNERSTONE AT BAILEY FARMS, FIRST PLAT

ENGINEER'S OPINION OF PROBABLE COST

May 16, 2022

5/16/2022

SANITARY SEWER CONSTRUCTION

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	10" PVC SDR-26	525	L.F.	72.00	\$37,800.00
2	8" PVC SDR-26	1,350	L.F.	65.00	\$87,750.00
3	6" PVC SDR-26	1,750	L.F.	60.00	\$105,000.00
4	10"X6" WYES	7	EA.	550.00	\$3,850.00
5	8"x6" WYES	33	EA.	500.00	\$16,500.00
6	STD. 4' Diameter Manhole	10	EA.	4,000.00	\$40,000.00
7	Connect to Existing Manhole	2	EA.	2,000.00	\$4,000.00
8	Extra Depth in Manhole	66	V.F.	125.00	\$8,250.00
9	Tracer Wire and Boxes	40	EA.	150.00	\$6,000.00
10	Rock Excavation (Estimated)	250	C.Y.	95.00	\$23,750.00
11	Manhole Barrel Adjustment	4	EA.	750.00	\$3,000.00
12	Manhole Ring Adjustment	4	EA.	750.00	\$3,000.00
SUBTOTAL					\$338,900.00

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ENGINEER'S OPINION OF PROBABLE COST

STORM SEWERS

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	6'x4' Curb Inlet	12	EA.	4,500.00	\$54,000.00
2	6'x5' Curb Inlet	1	EA.	4,600.00	\$4,600.00
3	6'x6' Curb Inlet	2	EA.	4,700.00	\$9,400.00
4	8'x4' Curb Inlet	1	EA.	5,800.00	\$5,800.00
5	4'x4' Junction Box	1	EA.	3,500.00	\$3,500.00
6	4'x5' Junction Box	1	EA.	3,600.00	\$3,600.00
7	5'x5" Junction Box	1	EA.	4,000.00	\$4,000.00
8	4'x4' Area Inlet (One Opening)	1	EA.	3,600.00	\$3,600.00
9	4'x4' Area Inlet (Two Openings)	1	EA.	3,800.00	\$3,800.00
10	Water Quality Outlet Structure (#3901)	1	EA.	10,000.00	\$10,000.00
11	Faircloth Skimmer	1	EA.	4,500.00	\$4,500.00
12	24" HDPE Flared End Section	1.0	EA.	1,600.00	\$1,600.00
13	30" HDPE Flared End Section	1.0	EA.	1,800.00	\$1,800.00
14	36" HDPE Flared End Section	1.0	EA.	2,200.00	\$2,200.00
15	15" HDPE	460	L.F.	45.00	\$20,700.00
16	18" HDPE	150	L.F.	65.00	\$9,750.00
17	24" HDPE	425	L.F.	75.00	\$31,875.00
18	30" HDPE	385	L.F.	85.00	\$32,725.00
19	36" HDPE	670	L.F.	85.00	\$56,950.00
20	Turf Reinforcement Mat	412	S.Y.	2.50	\$1,030.00
SUBTOTAL					\$265,430.00

CORNERSTONE AT BAILEY FARMS, FIRST PLAT
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STREET CONSTRUCTION

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	Clearing and Grubbing	1	LS	\$25,000.00	\$25,000.00
2	Grading	1	LS.	\$90,000.00	\$90,000.00
3	6" Asphalt (Local-Residential Streets)	5,025	S.Y.	\$30.00	\$150,750.00
4	Fly Ash or Compacted Aggregate Base	6,150	S.Y.	\$5.25	\$32,287.50
5	Type CG-2 Curb and Gutter (Inlet Transitions Not Included)	3,024	L.F.	\$16.00	\$48,384.00
6	5' Concrete Sidewalk	57	L.F.	\$25.00	\$1,425.00
7	Type A Ramp	2	EA.	\$2,200.00	\$4,400.00
8	Type M Ramp	4	EA.	\$1,500.00	\$6,000.00
9	End of Road Marker (OM-4-1 Signs)	6	EA.	\$400.00	\$2,400.00
10	Signage	1	L.S.	\$1,800.00	\$1,800.00
11	Seeding and Mulching/Final Restoration	1	L.S.	\$23,400.00	\$23,400.00
12	Erosion Control	1	L.S.	\$18,000.00	\$18,000.00
13	Construction Entrance	1	L.S.	\$2,500.00	\$2,500.00
14	Sediment Basin Construction	1	L.S.	\$10,000.00	\$10,000.00

SUBTOTAL	\$416,346.50
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WATER MAIN EXTENSION

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	Connect to Existing Water Line	2	EA.	\$2,200.00	\$4,400.00
2	Fire Hydrant Assembly	4	EA.	\$5,500.00	\$22,000.00
3	End Of Line Assembly (Relocation of Existing)	1	EA.	\$2,400.00	\$2,400.00
4	8" C-900 PVC	2,010	LF.	\$65.00	\$130,650.00
5	8" Gate Valve	5	EA.	\$1,500.00	\$7,500.00
6	8"x8" Tee	2	EA.	\$750.00	\$1,500.00
7	8" - 11.25° PVC Bend	13	EA.	\$750.00	\$9,750.00
8	8" - 22.5° PVC Bend	5	EA.	\$750.00	\$3,750.00
9	8" - 45° PVC Bend	7	EA.	\$750.00	\$5,250.00

SUBTOTAL	\$187,200.00
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SANITARY SEWER CONSTRUCTION	\$338,900.00
STORM SEWERS	\$265,430.00
STREET CONSTRUCTION	\$416,346.50
WATER MAIN EXTENSION	\$187,200.00

TOTAL	\$1,207,876.50
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