

MANOR AT BAILEY FARMS, 1ST PLAT

ENGINEER'S OPINION OF PROBABLE COST

January 28, 2022

SANITARY SEWER CONSTRUCTION

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	12" DIP	222.0	L.F.	80.00	\$17,760.00
2	10" PVC SDR-26	2,405.0	L.F.	45.00	\$108,225.00
3	8" PVC SDR-26	3,074.0	L.F.	35.00	\$107,590.00
4	6" PVC SDR-26	3,519.0	L.F.	31.00	\$109,089.00
5	10"X6" WYES	23.0	EA.	325.00	\$7,475.00
6	8'x6" WYES	60.0	EA.	300.00	\$18,000.00
7	STD. 4' Diameter Manhole	29.0	EA.	4,000.00	\$116,000.00
8	Connect to Existing Manhole	1.0	EA.	1,000.00	\$1,000.00
9	Extra Depth in Manhole	253.0	V.F.	100.00	\$25,300.00
10	Rock Excavation (Estimated)	250.0	C.Y.	95.00	\$23,750.00
11	Manhole Barrel Adjustment	5.0	EA.	750.00	\$3,750.00
12	Manhole Ring Adjustment	5.0	EA.	750.00	\$3,750.00

SUBTOTAL	\$541,689.00
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1/31/2022

MANOR AT BAILEY FARMS, 1ST PLAT

ENGINEER'S OPINION OF PROBABLE COST

STORM SEWERS

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	6'x4' Curb Inlet	45.0	EA.	4,000.00	\$180,000.00
2	6'x5' Curb Inlet	4.0	EA.	4,500.00	\$18,000.00
3	6'x6' Curb Inlet	2.0	EA.	4,700.00	\$9,400.00
4	6'x7' Curb Inlet	1.0	EA.	4,800.00	\$4,800.00
5	7'x4' Curb Inlet	9.0	EA.	4,500.00	\$40,500.00
6	8'x4' Curb Inlet	1.0	EA.	5,800.00	\$5,800.00
7	4'x4' Area Inlet	4.0	EA.	3,500.00	\$14,000.00
8	4'x5' Area Inlet	2.0	EA.	3,800.00	\$7,600.00
9	4'x6' Area Inlet	3.0	EA.	3,800.00	\$11,400.00
10	5'x5' Area Inlet	3.0	EA.	3,500.00	\$10,500.00
11	6'x6' Water Quality Outlet Structure	1.0	EA.	10,000.00	\$10,000.00
12	15" HDPE Flared End Section	1.0	EA.	2,000.00	\$2,000.00
13	24" HDPE Flared End Section	1.0	EA.	2,500.00	\$2,500.00
14	36" HDPE Flared End Section	1.0	EA.	3,000.00	\$3,000.00
15	48" RCP Flared End Section	1.0	EA.	3,500.00	\$3,500.00
16	15" HDPE	2,002.0	L.F.	45.00	\$90,090.00
17	15" RCP	266.0	L.F.	55.00	\$14,630.00
18	18" HDPE	535.0	L.F.	65.00	\$34,775.00
19	24" HDPE	1,035.0	L.F.	75.00	\$77,625.00
20	24" RCP	35.0	L.F.	85.00	\$2,975.00
21	30" HDPE	1,686.0	L.F.	85.00	\$143,310.00
22	30" RCP	73.0	L.F.	105.00	\$7,665.00
23	36" RCP	305.0	L.F.	\$115.00	\$35,075.00
24	42" RCP	395.0	L.F.	\$125.00	\$49,375.00
25	48" RCP	312.0	L.F.	\$135.00	\$42,120.00
26	50# Stone Rip-Rap with Filter Fabric	3.0	C.Y.	\$22.00	\$66.00
27	100# Stone Rip-Rap with Filter Fabric	41.0	C.Y.	\$35.00	\$1,435.00
28	Rock Excavation (Storm Sewers Only)	300.0	C.Y.	\$75.00	\$22,500.00

SUBTOTAL	\$844,641.00
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MANOR AT BAILEY FARMS, 1ST PLAT
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STREET CONSTRUCTION

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	Clearing and Grubbing	1.0	LS	\$15,000.00	\$15,000.00
2	Grading	1.0	LS.	\$100,000.00	\$100,000.00
3	6" Asphalt (Local-Residential Streets)	14,670.0	S.Y.	\$30.00	\$440,100.00
4	7.5" Asphalt (Residential Collector Streets)	7,000.0	S.Y.	\$36.00	\$252,000.00
5	Fly Ash or Compacted Aggregate Base	26,200.0	S.Y.	\$5.25	\$137,550.00
6	Type CG-2 Curb and Gutter (Inlet Transitions Not Included)	12,151.0	L.F.	\$16.00	\$194,416.00
7	5' Concrete Sidewalk	970.0	L.F.	\$15.00	\$14,550.00
8	10' Concrete Trail	641.0	L.F.	\$30.00	\$19,230.00
9	Type A Ramp	26.0	EA.	\$1,800.00	\$46,800.00
10	Type B Ramp	11.0	EA.	\$1,800.00	\$19,800.00
11	Mid-Block Ramp	6.0	EA.	\$3,000.00	\$18,000.00
12	End of Road Marker (OM-4-1 Signs)	30.0	EA.	\$400.00	\$12,000.00
13	Signage	1.0	L.S.	\$5,000.00	\$5,000.00
14	Erosion Control	1.0	L.S.	\$25,000.00	\$25,000.00
15	Bonds	1.0	L.S.		\$0.00

SUBTOTAL	\$1,299,446.00
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MANOR AT BAILEY FARMS, 1ST PLAT

ENGINEER'S OPINION OF PROBABLE COST

WATER MAIN EXTENSION

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	Connect to Existing Water Line	2.0	EA.	\$2,200.00	\$4,400.00
2	Dry Bore	40.0	LF.	\$150.00	\$6,000.00
3	6" Concrete Encasement	20.0	LF.	\$25.00	\$500.00
4	Fire Hydrant Assembly	16.0	EA.	\$4,500.00	\$72,000.00
5	End Of Line Temporary Fire Hydrant Assembly	9.0	EA.	\$4,500.00	\$40,500.00
6	8" C-900 PVC	7,602.0	LF.	\$45.00	\$342,090.00
7	8" Gate Valve	23.0	EA.	\$1,500.00	\$34,500.00
8	8"x8" Tee	7.0	EA.	\$750.00	\$5,250.00
9	8"x8" Cross	7.0	EA.	\$750.00	\$5,250.00
10	8" - 11.25° PVC Bend	26.0	EA.	\$750.00	\$19,500.00
11	8" - 22.5° PVC Bend	4.0	EA.	\$750.00	\$3,000.00
12	8" - 45° PVC Bend	38.0	EA.	\$750.00	\$28,500.00

SUBTOTAL	\$561,490.00
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SANITARY SEWER CONSTRUCTION \$541,689.00

STORM SEWERS \$844,641.00

STREET CONSTRUCTION \$1,299,446.00

WATER MAIN EXTENSION \$561,490.00

TOTAL \$3,247,266.00