

**RETREAT AT BAILEY FARMS, FIRST PLAT**

**ENGINEER'S OPINION OF PROBABLE COST**

September 8, 2022

**SANITARY SEWER CONSTRUCTION**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	8" PVC SDR-26	989	L.F.	65.00	\$64,285.00
2	6" PVC SDR-26	1,632	L.F.	60.00	\$97,920.00
3	8"x6" WYES	35	EA.	500.00	\$17,500.00
4	STD. 4' Diameter Manhole	5	EA.	4,000.00	\$20,000.00
5	Connect to Existing Manhole	1	EA.	2,000.00	\$2,000.00
6	Extra Depth in Manhole	41	V.F.	125.00	\$5,125.00
7	Tracer Wire and Boxes	35	EA.	150.00	\$5,250.00
8	Rock Excavation (Estimated)	250	C.Y.	95.00	\$23,750.00
9	Manhole Barrel Adjustment	2	EA.	750.00	\$1,500.00
10	Manhole Ring Adjustment	2	EA.	750.00	\$1,500.00
<b>SUBTOTAL</b>					<b>\$238,830.00</b>

**STORM SEWERS**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	6'x4' Curb Inlet	8	EA.	4,500.00	\$36,000.00
2	4'x4' Junction Box	1	EA.	4,800.00	\$4,800.00
3	4'x4' Field Inlet	1	EA.	3,500.00	\$3,500.00
4	15" HDPE	360	L.F.	45.00	\$16,200.00
5	18" HDPE	172	L.F.	55.00	\$9,460.00
6	24" HDPE	106	L.F.	75.00	\$7,950.00
7	18" RCP	108	L.F.	75.00	\$8,100.00
8	Turf Reinforcement Mat	206	S.Y.	3.25	\$669.50
<b>SUBTOTAL</b>					<b>\$86,679.50</b>

**RETREAT AT BAILEY FARMS, FIRST PLAT**  
**ENGINEER'S OPINION OF PROBABLE COST**

**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.	\$80,000.00	\$80,000.00
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.	\$6.00	\$36,900.00
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.	\$800.00	\$800.00
11	Seeding and Mulching/Final Restoration	1	L.S.	\$10,800.00	\$10,800.00
12	Erosion Control	1	L.S.	\$10,000.00	\$10,000.00
13	Construction Entrance	1	L.S.	\$2,500.00	\$2,500.00

<b>SUBTOTAL</b>	<b>\$379,359.00</b>
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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

<b>SUBTOTAL</b>	<b>\$187,200.00</b>
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<b>SANITARY SEWER CONSTRUCTION</b>	<b>\$238,830.00</b>
<b>STORM SEWERS</b>	<b>\$86,679.50</b>
<b>STREET CONSTRUCTION</b>	<b>\$379,359.00</b>
<b>WATER MAIN EXTENSION</b>	<b>\$187,200.00</b>

<b>TOTAL</b>	<b>\$892,068.50</b>
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