

**CORNERSTONE AT BAILEY FARMS, FIRST PLAT**

**ENGINEER'S OPINION OF PROBABLE COST**

February 11, 2022

**SANITARY SEWER CONSTRUCTION**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	10" PVC SDR-26	525	L.F.	45.00	\$23,625.00
2	8" PVC SDR-26	1,350	L.F.	35.00	\$47,250.00
3	6" PVC SDR-26	1,750	L.F.	31.00	\$54,250.00
4	10"X6" WYES	7	EA.	325.00	\$2,275.00
5	8"x6" WYES	33	EA.	300.00	\$9,900.00
6	STD. 4' Diameter Manhole	10	EA.	4,000.00	\$40,000.00
7	Connect to Existing Manhole	2	EA.	1,000.00	\$2,000.00
8	Extra Depth in Manhole	66	V.F.	100.00	\$6,600.00
9	Rock Excavation (Estimated)	250	C.Y.	95.00	\$23,750.00
10	Manhole Barrel Adjustment	4	EA.	750.00	\$3,000.00
11	Manhole Ring Adjustment	4	EA.	750.00	\$3,000.00

<b>SUBTOTAL</b>	<b>\$215,650.00</b>
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2/11/2022

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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.	4,000.00	\$48,000.00
2	6'x5' Curb Inlet	1	EA.	4,500.00	\$4,500.00
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	2	EA.	3,500.00	\$7,000.00
6	4'x4' Area Inlet (One Opening)	1	EA.	3,800.00	\$3,800.00
7	4'x4' Area Inlet (Two Openings)	1	EA.	3,800.00	\$3,800.00
8	6'x6' Water Quality Outlet Structure	1	EA.	10,000.00	\$10,000.00
9	15" HDPE	460	L.F.	45.00	\$20,700.00
10	18" HDPE	150	L.F.	65.00	\$9,750.00
11	24" HDPE	425	L.F.	75.00	\$31,875.00
12	30" HDPE	385	L.F.	85.00	\$32,725.00
13	36" HDPE	670	L.F.	85.00	\$56,950.00
<b>SUBTOTAL</b>					<b>\$244,300.00</b>

**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.	\$100,000.00	\$100,000.00
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)	3,340	L.F.	\$16.00	\$53,440.00
6	5' Concrete Sidewalk	150	L.F.	\$15.00	\$2,250.00
7	Type A Ramp	2	EA.	\$1,800.00	\$3,600.00
8	Type M Ramp	4	EA.	\$3,000.00	\$12,000.00
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	Erosion Control	1	L.S.	\$25,000.00	\$25,000.00
12	Bonds	1	L.S.		\$0.00
<b>SUBTOTAL</b>					<b>\$408,527.50</b>

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

**WATER MAIN EXTENSION**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	Connect to Existing Water Line	1	EA.	\$2,200.00	\$2,200.00
2	Fire Hydrant Assembly	4	EA.	\$4,500.00	\$18,000.00
3	End Of Line Assembly (Relocation of Existing)	1	EA.	\$2,400.00	\$2,400.00
4	8" C-900 PVC	2,010	LF.	\$45.00	\$90,450.00
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	11	EA.	\$750.00	\$8,250.00

<b>SUBTOTAL</b>	<b>\$143,800.00</b>
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<b>SANITARY SEWER CONSTRUCTION</b>	<b>\$215,650.00</b>
<b>STORM SEWERS</b>	<b>\$244,300.00</b>
<b>STREET CONSTRUCTION</b>	<b>\$408,527.50</b>
<b>WATER MAIN EXTENSION</b>	<b>\$143,800.00</b>

<b>TOTAL</b>	<b>\$1,012,277.50</b>
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