



CORNERSTONE AT BAILEY FARMS, FIRST PLAT

ENGINEER'S OPINION OF PROBABLE COST

December 7, 2023

SANITARY SEWER CONSTRUCTION

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	10" PVC SDR-26	525	L.F.	\$75.00	\$39,375.00
2	8" PVC SDR-26	1,350	L.F.	\$67.00	\$90,450.00
3	6" PVC SDR-26	1,750	L.F.	\$40.00	\$70,000.00
4	10"X6" WYES	7	EA.	\$450.00	\$3,150.00
5	8"x6" WYES	33	EA.	\$400.00	\$13,200.00
6	STD. 4' Diameter Manhole	10	EA.	\$5,800.00	\$58,000.00
7	Connect to Existing Manhole	2	EA.	\$2,400.00	\$4,800.00
8	Extra Depth in Manhole	66	V.F.	\$120.00	\$7,920.00
9	Tracer Wire and Boxes	40	EA.	\$300.00	\$12,000.00
10	Rock Excavation (Estimated)	250	C.Y.	\$100.00	\$25,000.00
11	Manhole Barrel Adjustment	4	EA.	\$875.00	\$3,500.00
12	Manhole Ring Adjustment	4	EA.	\$580.00	\$2,320.00
13	Flowable Fill	20	C.Y.	\$138.00	\$2,760.00
				SUBTOTAL	\$332,475.00

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

STORM SEWERS

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	6'x4' Curb Inlet	12	EA.	\$7,300.00	\$87,600.00
2	6'x5' Curb Inlet	1	EA.	\$8,900.00	\$8,900.00
3	6'x6' Curb Inlet	2	EA.	\$10,500.00	\$21,000.00
4	8'x4' Curb Inlet	1	EA.	\$11,200.00	\$11,200.00
5	4'x4' Junction Box	1	EA.	\$6,700.00	\$6,700.00
6	4'x5' Junction Box	1	EA.	\$6,500.00	\$6,500.00
7	5'x5" Junction Box	1	EA.	\$7,750.00	\$7,750.00
8	4'x4' Area Inlet (One Opening)	1	EA.	\$5,300.00	\$5,300.00
9	4'x4' Area Inlet (Two Openings)	1	EA.	\$5,300.00	\$5,300.00
10	Water Quality Outlet Structure (#3901)	1	EA.	\$16,000.00	\$16,000.00
11	Faircloth Skimmer	1	EA.	\$5,500.00	\$5,500.00
12	24" HDPE Flared End Section	1	EA.	\$2,000.00	\$2,000.00
13	30" HDPE Flared End Section	1	EA.	\$3,000.00	\$3,000.00
14	36" HDPE Flared End Section	1	EA.	\$3,450.00	\$3,450.00
15	15" HDPE	460	L.F.	\$44.00	\$20,240.00
16	18" HDPE	150	L.F.	\$53.00	\$7,950.00
17	24" HDPE	425	L.F.	\$68.00	\$28,900.00
18	30" HDPE	385	L.F.	\$89.00	\$34,265.00
19	36" HDPE	670	L.F.	\$108.00	\$72,360.00
20	Turf Reinforcement Mat	412	S.Y.	\$7.20	\$2,966.40
21	Flowable Fill	160	C.Y.	\$138.00	\$22,080.00
SUBTOTAL					\$378,961.40

CORNERSTONE 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	\$35,000.00	\$35,000.00
2	Grading	1	LS.	\$95,000.00	\$95,000.00
3	6" Asphalt (Local-Residential Streets)	5,025	S.Y.	\$28.00	\$140,700.00
4	Compacted Aggregate Base, Cement, or Lime Stabilization	6,150	S.Y.	\$7.80	\$47,970.00
5	Type CG-2 Curb and Gutter (Inlet Transitions Not Included)	3,024	L.F.	\$22.00	\$66,528.00
6	5' Concrete Sidewalk	57	L.F.	\$40.00	\$2,280.00
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.	\$500.00	\$3,000.00
10	Signage	1	L.S.	\$2,200.00	\$2,200.00
11	Seeding and Mulching/Final Restoration	1	L.S.	\$18,200.00	\$18,200.00
12	Erosion Control	1	L.S.	\$18,000.00	\$18,000.00
13	Construction Entrance	1	L.S.	\$2,300.00	\$2,300.00
14	Sediment Basin Construction	1	L.S.	\$10,000.00	\$10,000.00
SUBTOTAL					\$451,578.00

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.	\$6,500.00	\$26,000.00
3	End Of Line Assembly (Relocation of Existing)	1	EA.	\$2,900.00	\$2,900.00
4	8" C-900 PVC	2,010	LF.	\$65.00	\$130,650.00
5	8" Gate Valve	5	EA.	\$1,800.00	\$9,000.00
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
10	Flowable Fill	15	CY	\$138.00	\$2,070.00
SUBTOTAL					\$195,270.00

SANITARY SEWER CONSTRUCTION	\$332,475.00
STORM SEWERS	\$378,961.40
STREET CONSTRUCTION	\$451,578.00
WATER MAIN EXTENSION	\$195,270.00

TOTAL **\$1,358,284.40**