

PERGOLA PARK 5TH PLAT

ENGINEER'S OPINION OF PROBABLE COST

February 18, 2022

SANITARY SEWER CONSTRUCTION

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	8" PVC SDR-26	2,665.0	L.F.	65.00	\$173,225.00
2	6" PVC SDR-26	1,021.0	L.F.	60.00	\$61,260.00
3	8" Class 50 DIP Zinc Coated	452.0	L.F.	120.00	\$54,240.00
4	8'x6" WYES	33.0	EA.	150.00	\$4,950.00
5	STD. 4' Diameter Manhole	16.0	EA.	4,200.00	\$67,200.00
6	Connect to Existing Manhole	2.0	EA.	1,700.00	\$3,400.00
7	Extra Depth in Manhole	184.0	V.F.	150.00	\$27,600.00
8	Reinforced Concrete Encasement (RCE)	40.0	L.F.	150.00	\$6,000.00
9	Rock Excavation (Estimated)	250.0	C.Y.	95.00	\$23,750.00
10	Adjust EX Manhole Top	2.0	EA.	750.00	\$1,500.00
11	Post-Const. Manhole Barrel Adjustment	4.0	EA.	750.00	\$3,000.00
12	Post-Const. Manhole Ring Adjustment	4.0	EA.	750.00	\$3,000.00
				SUBTOTAL	\$429,125.00

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STORM SEWERS

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	6'x4' Curb Inlet	6.0	EA.	4,200.00	\$25,200.00
2	6'x5' Curb Inlet	5.0	EA.	5,040.00	\$25,200.00
3	6'x6' Curb Inlet	1.0	EA.	5,760.00	\$5,760.00
4	7'x4' Curb Inlet	1.0	EA.	5,760.00	\$5,760.00
5	4'x4' Grate Inlet	4.0	EA.	3,600.00	\$14,400.00
6	36" End Section	1.0	EA.	2,000.00	\$2,000.00
7	15" HDPE	245.0	L.F.	40.00	\$9,800.00
8	18" HDPE	179.0	L.F.	48.00	\$8,592.00
9	24" HDPE	117.0	L.F.	65.00	\$7,605.00
10	30" HDPE	643.0	L.F.	79.00	\$50,797.00
11	36" HDPE	135.0	L.F.	\$95.00	\$12,825.00
12	36" RCP	243.0	L.F.	\$107.00	\$26,001.00
13	Rock Excavation (Storm Sewers Only)	300.0	C.Y.	\$75.00	\$22,500.00
				SUBTOTAL	\$216,440.00

PERGOLA PARK 5TH PLAT

ENGINEER'S OPINION OF PROBABLE COST

STREET CONSTRUCTION

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	Clearing and Grubbing	1.0	LS	\$30,000.00	\$30,000.00
2	Grading	1.0	LS.	\$175,000.00	\$175,000.00
3	6" Asphalt (Local-Residential Streets)	5,697.0	S.Y.	\$30.00	\$170,910.00
4	8" Concrete	1,103.0	S.Y.	\$75.00	\$82,725.00
5	Fly Ash or Compacted Aggregate Base	6,494.0	S.Y.	\$5.50	\$35,717.00
6	Drivable Pavers	1,458.0	S.F.	\$25.00	\$36,450.00
7	Type CG-2 Curb and Gutter	2,256.0	L.F.	\$18.00	\$40,608.00
8	Type CG-2 Dry Curb and Gutter	267.0	L.F.	\$18.00	\$4,806.00
9	Type CG-1 Dry Curb and Gutter	342.0	L.F.	\$18.00	\$6,156.00
10	Type C1 Curb	517.0	L.F.	\$18.00	\$9,306.00
11	5' Concrete Sidewalk	2,504.0	L.F.	\$20.00	\$50,080.00
12	Sidewalk Ramps	11.0	EA.	\$2,500.00	\$27,500.00
13	Erosion Control	1.0	L.S.	\$10,000.00	\$10,000.00
14	Bonds	1.0	L.S.		\$0.00
				SUBTOTAL	\$679,258.00

PERGOLA PARK 5TH 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.	\$3,500.00	\$7,000.00
4	Fire Hydrant Assembly	3.0	EA.	\$7,000.00	\$21,000.00
5	End Of Line Temporary Fire Hydrant Assembly	2.0	EA.	\$6,500.00	\$13,000.00
6	Remove End Of Line Temporary Fire Hydrant Assembly	2.0	EA.	\$1,500.00	\$3,000.00
6	8" C-900 PVC	1,498.0	LF.	\$45.00	\$67,410.00
7	8" Gate Valve	6.0	EA.	\$1,500.00	\$9,000.00
8	8"x8" Tee	2.0	EA.	\$1,500.00	\$3,000.00
10	8" - 11.25° PVC Bend	5.0	EA.	\$1,000.00	\$5,000.00
11	8" - 22.5° PVC Bend	6.0	EA.	\$1,000.00	\$6,000.00
12	8" - 45° PVC Bend	11.0	EA.	\$1,000.00	\$11,000.00
13	8" - 90° PVC Bend	1.0	EA.	\$1,000.00	\$1,000.00

SUBTOTAL	\$145,410.00
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SANITARY SEWER CONSTRUCTION **\$429,125.00**

STORM SEWERS **\$216,440.00**

STREET CONSTRUCTION **\$679,258.00**

WATER MAIN EXTENSION **\$145,410.00**

TOTAL **\$1,470,233.00**