



# SCHLAGEL ASSOCIATES, P.A.

Engineers, Planners, Surveyors, Landscape Architects

## ENGINEER'S OPINION OF PROBABLE COST FOR PERGOLA PARK 4TH PLAT (19-002)

June 19, 2019

### WATER

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	Connect to Existing Water Line	5.0	EA.	3,500.00	\$17,500.00
2	Fire Hydrant Assembly	3.0	EA.	5,500.00	\$16,500.00
3	Temp Fire Hydrant Assembly	1.0	EA.	5,500.00	\$5,500.00
4	Remove Temp Hydrant Assembly	2.0	EA.	1,500.00	\$3,000.00
5	8" PVC C-900	1,602.0	L.F.	35.00	\$56,070.00
6	8" DIP (Class 50)	20.0	L.F.	65.00	\$1,300.00
7	12" DIP (Class 50)	124.0	L.F.	75.00	\$9,300.00
8	8" Gate Valve	4.0	EA.	1,200.00	\$4,800.00
9	8" x 8" Tee	2.0	EA.	1,200.00	\$2,400.00
10	8" 11.25° PVC Bend	19.0	EA.	750.00	\$14,250.00
11	8" 22.5° PVC Bend	1.0	EA.	750.00	\$750.00
12	8" 45° PVC Bend	6.0	EA.	750.00	\$4,500.00
13	8" 22.5° DIP Bend	1.0	EA.	750.00	\$750.00
14	8" 45° DIP Bend	1.0	EA.	750.00	\$750.00
15	12" x 8" Reducer	1.0	EA.	1,000.00	\$1,000.00
16	12" 22.5° DIP Bend	2.0	EA.	1,000.00	\$2,000.00
17	8" 45° DIP Bend	4.0	EA.	1,000.00	\$4,000.00
18	12" x 8" Tee	1.0	EA.	1,200.00	\$1,200.00
19	8" Tapping Sleeve	2.0	EA.	2,500.00	\$5,000.00
20	12" Tapping Sleeve	1.0	EA.	3,500.00	\$3,500.00
				<b>TOTAL</b>	<b>\$154,070.00</b>

### Disclaimers:

- 1 Since Engineer has no control over the cost of labor, materials, or equipment, or over contractor's(s') methods of determining prices, or over competitive bidding or market conditions, the estimate of construction cost and schedule provided for herein is to be made on the basis of Engineer's experience and qualifications and represents Engineer's best judgment as a professional engineer familiar with the construction industry. Engineer cannot and does not guarantee that the bids or the Project construction cost or schedule will not vary from the Engineer's Opinion of Probable Cost and schedule prepared by Engineer.
- 2 Cost estimate based on quantities provided by others and based on average unit prices from projects bid in 2008.
- 3 Estimate assumes little if any rock excavation.



14920 W. 107th STREET, LENEXA, KANSAS 66215  
Phone (913) 492-5158 or FAX (913) 492-8400

06.28.19