

Lincoln & Dransfeldt  
HKS Project 200829

**Water & Sanitary Engineers Cost Estimate**

	Quantity	Unit	Unit Price	Total
<b>Water Main</b>				
12" PVC WATER LINE	2	LF	\$140.00	\$280.00
8" PVC WATER LINE	1,825	LF	\$87.00	\$158,775.00
6" DIP FIRE LINE	124	LF	\$121.00	\$15,004.00
1" TYPE-K COPPOER DOMESTIC SERVICE LINE	26	LF	\$50.00	\$1,300.00
3/4" TYPE-K COPPER IRRIGATION LINE	74	LF	\$45.00	\$3,330.00
3/4" IRRIGATION METER	1	EA	\$2,500.00	\$2,500.00
FIRE HYDRANT ASSEMBLY	6	EA	\$7,500.00	\$45,000.00
MAIN BENDS/FIXTURES	40	EA	\$2,500.00	\$100,000.00
1" PLUG W/ THRUST BLOCK	1	EA	\$500.00	\$500.00
6" PLUG W/ THRUST BLOCK	1	EA	\$1,250.00	\$1,250.00
8" PLUG W/ THRUST BLOCK	4	EA	\$1,500.00	\$6,000.00
12" VALVES	1	EA	\$3,300.00	\$3,300.00
6" VALVES	7	EA	\$1,800.00	\$12,600.00
8" VALVES	16	EA	\$2,000.00	\$32,000.00
<b>Water Total</b>				<b>\$381,559.00</b>
<b>Sanitary Sewer</b>				
8" PVC SANITARY LINE	756	LF	\$80.00	\$60,480.00
6" PVC SANITARY LINE	116		\$50.00	\$5,800.00
4" PVC SANITARY LINE	67	LF	\$20.00	\$1,340.00
6" PVC PLUG	4		\$60.00	\$240.00
4" PVC PLUG	2	EA	\$30.00	\$60.00
4' MANHOLE	6	EA	\$5,000.00	\$30,000.00
<b>Sanitary Sewer Total</b>				<b>\$97,920.00</b>
Subtotal				\$479,479.00
Contingency (20%)				\$95,895.80
<b>Total Utility Cost</b>				<b>\$575,374.80</b>