





**City of Elk Ridge  
City Parcel Development Costs (4 Lots on Olympic Lane)  
Engineers Opinion Of Probable Cost**

6-Jan-15

**ESTIMATED CONSTRUCTION COSTS**

Item Number	Item	Unit	Estimated Quantity	Unit Price	Total Cost
1	Mobilization	LS	1 Job	\$8,000.00	\$8,000.00
2	Construction Traffic Control	LS	1 Job	\$1,000.00	\$1,000.00
3	Erosion Control	LS	1 Job	\$2,500.00	\$2,500.00
4	Demolition and Removal of Existing Surface Improvements Including: Asphalt and Curb and Gutter at Trenches.	LS	1 Job	\$2,500.00	\$2,500.00
5	Furnish, Place, and Install 8 inch Culinary Water Line	LF	0	\$34.00	\$0.00
6	Furnish and install 8" Culinary Water Valves	EA	0	\$1,800.00	\$0.00
7	Furnish and install 8" Culinary Water Tee	EA	0	\$1,700.00	\$0.00
8	Furnish and Install 3/4" Culinary Water Service Lateral	EA	4	\$1,500.00	\$6,000.00
9	Furnish and Install Sanitary Sewer Service Lateral	EA	4	\$1,400.00	\$5,600.00
10	Furnish and Install Fire Hydrant and Associated Appurtenances	EA	0	\$4,500.00	\$0.00
11	Subgrade Preparation Including Excavation for Sidewalk and Planter Strips Along the Park and Fill for Sidewalk and Planter Strips Along Olympic Lane	SF	9600	\$1.20	\$11,520.00
12	Furnish and Install 24 inch Rolled Curb and Gutter on 67" Untreated Base.	LF	0	\$14.40	\$0.00
13	Furnish and Install 24 inch Rolled Curb and Gutter on 67" Untreated Base. (Patch at Services)	LF	32	\$20.00	\$640.00
14	Construct 4 Foot Wide – 6 Inch Sidewalk on 6 Inch Untreated Base Course	LF	800	\$19.25	\$15,400.00
15	Construct Additional flat work at ADA Ramps and additional width at round about.	SF	200	\$4.90	\$980.00
16	Construct 4 Foot Wide – 6 Inch Sidewalk on 6 Inch Untreated Base Course (Patch at Services)	SF	0	\$8.00	\$0.00
17	Furnish and Install ADA Accessible Ramp per City Standards and Install City Approved Detectible Warning Strip	EA	1	\$1,550.00	\$1,550.00
18	Furnish, Place, and Compact 4 inches Bituminous Asphalt Surface Course Over Base Course	SF	0	\$4.50	\$0.00
19	Furnish, Place, and Compact 4 inches Bituminous Asphalt Surface Course Over Base Course (Patch)	SF	960	\$5.50	\$5,280.00
20	Replace Fencing	LF	50	\$28.50	\$1,425.00
<b>Construction Total</b>					<b>\$62,395.00</b>

**TOTAL ESTIMATED PROJECT COSTS**

Item Number	Item	Unit Price
A	Design and Engineering Costs (7% Construction)	\$4,367.65
B	Preliminary Survey Costs	\$2,200.00
C	Construction Costs	\$62,395.00
D	Franchise Utilities*	\$20,000.00
E	Construction Contingency 10%	\$6,239.50
<b>Total Estimated Project</b>		<b>\$95,202.15</b>

\* The Franchise Utilities cost is a very rough estimate. The franchise utilities do not determine a cost until they have preliminary drawings.

**CITY APPROVAL AND OVERSIGHT**

Source	Amount	
Rezone	\$1,200.00	
Preliminary Plat	\$3,200.00	
Final Plat	\$3,700.00	
Plat Map From Surveyor	\$2,350.00	
Recording	\$34.00	
Bonds (Waived)	\$0.00	
Water	\$320.00	
Construction Inspection and Administration	\$4,243.70	
<b>Total Project Fees</b>		<b>\$15,047.70</b>