

Construction Cost Estimating Guidelines

**Instructions:**

**Step 1.** In the column entitled "Utility", provide any additional utilities identified in the Utility Owner & Conflict Identification Worksheet.

**Step 2.** Place the Sub-Totals from the Utility Owner Issues and Estimate Worksheet (Appendix J2) in the column entitled "Sub Total". **Note:** if there are multiple Water, Sewer, Electric Companies etc., only place one Sub Total covering all of them in the Sub-Total column. If there is no involvement place N/A in the Sub-Total column.

**Step 3.** Total all of the Sub Totals into one Grand Total

Utility	Sub Total
Water	
Sewer	
Electric	
Gas	
Cable	
Phone	
Railroad	
Long Distance Cable	
Pipelines	
Fire Alarm Systems	
<b>Grand Total</b>	

**Step 4.** Calculate Contingency: for every one year of construction the contingency shall be 10% of the Grand Total for Utility Costs. (i.e. 3 year duration = 30% Contingency)

**Step 5.** Calculate Total Utility Cost Estimate:

- Insert Grand Total from form above
- Add the Contingency to the Grand Total for the Total Utility Cost Estimate

Grand Total	+	Contingency	=	Total Utility Cost Estimate

**Step 6.** Lead Design Engineer Sign and Date

\_\_\_\_\_ Date \_\_\_\_\_