


## MEMORANDUM

**TO:** Honorable Mayor and City Council Members  
**FROM:** Paul Johnson – Public Works Director   
**DATE:** August 12, 2008  
**SUBJECT:** Basketball Court at Valentine Park  
**STRATEGIC PLAN TRACKING NUMBER:** G5-A8

AUG 05 2008

BY: ABC 2:00 PM

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**PURPOSE:** To obtain Council direction on the potential lighting of the new basketball court at Valentine Park

**BACKGROUND:** Construction of the new softball field at Valentine Park necessitated the relocation of the basketball court. The court has been moved to the “front” of the park near French Avenue. As the court previously had significant usage at night while baseball games were being conducted, staff recommends lighting of the new court. The new location near the front of the park allows for “drive-by” visibility from French Avenue.

Staff has obtained information on three lighting options. These options are as follows:

<u>OPTION 1</u>	<u>OPTION 2</u>	<u>OPTION 3</u>
Progress Energy	Solar Outdoor Lighting	Hunter Knepschild (Solar LED lights)
4 Poles and lamps – installed 25’ pole w/ 150 watt fixture Capital cost per assembly - \$0.00 Shipping cost per assy. - \$0.00 Installation for 4 lights - \$1,621.40	4 Poles and lamps <i>plus</i> installation 25’ pole w/ 150 watt fixture Cost per assembly - \$4,500.00 Shipping per assy. - \$400.00 Installation cost - \$1,200.00	4 Poles and lamps <i>plus installation</i> 25’ pole w/ 136 watt fixture Cost per assembly - \$6,125.00 Shipping per assy. \$400.00 Installation cost - \$1,200.00
Total installed cost - \$1,621.40	Total installed cost - \$20,800.00	Total installed cost - \$27,300.00
Monthly fee - \$58.92 (All 4)	Monthly fee - \$0.00	Monthly fee - \$0.00
Annualized 20 year cost \$788.00	Annualized 20 year cost \$1,040.00	Annualized 20 year cost \$1,365.00

As you can see, assuming the solar lights would *not* require any maintenance, it would take over 27 years to realize any return on our investment on even the least expensive solar alternative. Additionally, in 27 years, we could anticipate some maintenance would be required on the solar or LED lights thereby increasing the overall cost of ownership vs. leasing.

**RECOMMENDATION:** Staff is seeking City Council direction on this item.