

**MOORPARK CITY COUNCIL  
AGENDA REPORT**

**TO:** The Honorable City Council

**FROM:** Jeremy Laurentowski, Landscape and Parks Manager *SL*

**DATE:** July 5, 2012 (CC Meeting of July 18, 2012)

**SUBJECT:** Consider Resolution Amending the Fiscal Year 2012/13 Budget for Replacing the Security Lights at Campus Park and Poindexter Park

**DISCUSSION**

Recently, several of the security light standards at Campus Park have been removed by staff due to the fact that the light poles have outlived their life expectancy. In addition, there is a need for additional lighting at Poindexter Park to deter night time loitering and to increase security.

Two of the five light standards at Campus Park were removed by staff over the last several months. One was leaning precariously after a high wind event and the other was removed as a precaution, as the steel pole base exhibited extensive signs of corrosion, particularly at the anchor bolt locations. The remaining three poles are sound at this time. However, staff anticipates that they will also require replacing within the next one to two years as they also exhibit signs of stress and corrosion at the pole bases. The lighting at Campus Park was originally installed in 1991 and consists of 250 watt high pressure sodium lights on 25' high poles. The lighting is left on during all hours of the night to increase security levels within the park.

In addition, the City has been experiencing vandalism to the low level security lighting at Poindexter Park, particularly the lighting around the gazebos, restroom and along the east park boundary adjacent to the school site. The existing light standards consist of 10' high decorative pedestrian level lights. The lighting is left on all night to maintain security within the park. However, due to the relatively low level of the light standards that have been installed, the lights have

become the targets of vandalism. Staff suspects that park patrons are vandalizing the fixtures to keep specific areas of the park in the dark. Several common acts of vandalism that have been observed by staff include attempts to push the poles over, regular damage to the bulbs and fixtures and various other attempts to keep areas in the dark. In addition to several requests from local residents to increase the lighting at Poindexter Park, staff has discussed this issue with the City's Police Captain, who has also discussed several concerns with the park lighting and concurs with staff's recommendation that increased security lighting at Poindexter Park is necessary.

Staff recommends replacing all five (5) light standards at Campus Park and replacing twelve (12) existing low level pedestrian lights at Poindexter Park with 125 watt vandal resistant LED security lights on 25' light poles. In addition, staff recommends installing occupancy sensors on all the light standards. Occupancy sensors will reduce illumination to 30% of the light's full potential during the majority of the time that the lights are on and will increase illumination when the occupancy sensor is activated. Occupancy sensors distribute a 360° infrared light array and are activated when the array is interrupted by movement. The sensors are installed with an impact resistant plexiglass shield and are mounted directly to the light fixture, 25' above the ground surface to minimize vandalism. Once activated, the sensor increases the wattage directly to the light fixture, thus increasing illumination. This feature will decrease energy use by approximately 70% during normal operation, while still providing adequate night time light levels. However, when the occupancy sensor is activated, light levels will increase to 100%, providing a visual warning for police patrols that there is current activity within the park. The sensitivity of the sensors is adjustable in order to filter small movements and minimize false alarms, such as plant material swaying in the wind or small animals walking by. Staff also recommends replacing the restroom lights with new vandal resistant LED lighting, as the restroom lights at both parks are also vandalized on a regular basis.

Due to the extent of these two projects, staff recommends that the City contract with a lighting consultant to prepare plans and specifications for this work. Staff has obtained several quotes and has determined that \$11,730 is required to complete this work. A summary of these costs follows:

<u>Item/Location</u>	<u>Cost</u>
Poindexter Park:	\$4,900
Campus Park:	\$3,800
Reimbursable costs (i.e. prints, mailing & delivery, site survey)	\$1,500
Sub-total	\$10,200
15% Contingency	\$1,530
Total	\$11,730

Once the plans and specifications have been completed, staff will obtain bids to complete the lighting installation. Based on preliminary conversations with several electrical contractors, staff anticipates that this work will cost the City approximately \$80,750. Approximately \$23,750 will be required to replace the five light poles and restroom lights at Campus Park, and approximately \$57,000 to replace twelve light poles and restroom lights at Poindexter Park. Based on this estimate, the City can expect a cost recovery of approximately ten (10) to twelve (12) years, when compared to standard 250 watt metal halide or high pressure sodium lights. In addition, staff anticipates that the City will qualify for direct cost rebates from Southern California Edison (SCE) for this project. Staff will request additional appropriation for this work once the bids have been obtained and will prepare a detailed cost analysis and an estimated cost recovery for the City Council to review at that time.

### **FISCAL IMPACT**

The cost for this work has not been included in the FY 2012/13 operating budget. Staff is requesting an additional appropriation from the General Fund (1000) in the amount of \$11,730 to the Parks Division (7800) to complete the lighting plans and specifications.

### **STAFF RECOMMENDATION (ROLL CALL VOTE)**

Adopt Resolution No. 2012-\_\_\_\_\_ amending the FY 2012/13 budget to appropriate \$11,730 from the General Fund (1000) to the Parks Division (7800) to prepare the plans and specifications.

Attachment: Resolution 2012-\_\_\_\_\_

RESOLUTION NO. 2012-\_\_\_\_\_

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MOORPARK, CALIFORNIA, AMENDING THE FISCAL YEAR 2012/13 BUDGET TO ALLOCATE \$11,730.00 FROM THE GENERAL FUND (1000) TO THE PARKS DIVISION (7800) FOR LIGHTING PLANS AND SPECIFICATIONS

WHEREAS, on June 20, 2012, the City Council adopted the Operating and Capital Improvement Budget for Fiscal Year 2012/13; and

WHEREAS, a staff report has been presented to City Council discussing the need for lighting plans and specifications, in order to replace the five (5) security lights at Campus Park and twelve (12) security lights at Poindexter Park, in the amount of \$11,730.00; and

WHEREAS, an additional appropriation of \$11,730.00 is requested from the General Fund (1000) to the Parks Division (7800) to fund this work, and

WHEREAS, Exhibit "A" hereof describes said budget amendment and its resultant impact to the budget line item.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF MOORPARK DOES HEREBY RESOLVE AS FOLLOWS:

SECTION 1. A budget amendment allocating \$11,730.00 from the General Fund (1000) for lighting plans and specifications, more particularly described in Exhibit "A" attached hereto is hereby approved.

SECTION 2. The City Clerk shall certify to the adoption of this resolution and shall cause a certified resolution to be filed in the book of original resolutions.

PASSED AND ADOPTED this 18<sup>th</sup> day of July, 2012.

\_\_\_\_\_  
Janice S. Parvin, Mayor

ATTEST:

\_\_\_\_\_  
Maureen Benson, City Clerk

Attachment: Exhibit A – Budget Amendment

**EXHIBIT A**

**BUDGET AMENDMENT FOR THE GENERAL FUND  
FOR LIGHTING PLANS AND SPECIFICATIONS**

**FY 2012/13**

**FUND ALLOCATION FROM:**

<b>Fund Title</b>	<b>Fund Account Number</b>	<b>Amount</b>
General Fund	1000-5500	\$11,730
Total		\$11,730

**DISTRIBUTION OF APPROPRIATION TO EXPENSE ACCOUNTS:**

<b>BUDGET NUMBER</b>	<b>CURRENT BUDGET</b>	<b>REVISION</b>	<b>ADJUSTED BUDGET</b>
1000-7800-7805-9102	\$0	\$6,498	\$6,498
1000-7800-7801-9102	\$0	\$5,232	\$5,232
Total	\$0	\$11,730	\$11,730

Finance approval: 