

CITY OF SEBASTOPOL
CITY COUNCIL
STAFF REPORT

Meeting Date: August 2, 2016

To: Honorable Mayor and City Councilmembers

From: Public Works Superintendent Richard Emig

Subject: Installation of Three 2700 Kelvin LED Cobra Head Street Lights for Trial Period

Recommendation
: Authorize Staff to Have Three LED Street Lights Installed for a Trial Period

Funding: Currently Budgeted: Yes No N/A

Net General Fund Cost: \$1,585.00
Acct. 001-6330-6050

If Cost to Other Fund(s): n/a
Fund:
Amount:

Background:

At your February 16, 2016 City Council meeting, PG&E presented their program to you for retrofitting their street lights in Sebastopol from high pressure sodium (HPS) to light emitting diode (LED). (PG&E owns the majority of the street lights in Sebastopol, with the City owning only about 20 street lights.) PG&E had only one product in their program to offer cities, and due to the high Kelvin rating of 4000, Council made the decision to wait for a future program that offered more options.

This agenda item at the Council meeting concluded with Council expressing an interest in trying some lower Kelvin rating lights on a trial period, preferably 2700 Kelvin, either on PG&E's street light poles, or the City's.

Discussion:

Since that meeting date, staff contacted EarthlightLED and purchased three (3) 2700 Kelvin LED cobra head street lights, to be placed on City street light poles in Sebastopol. The proposed locations where the LED street lights will be installed (one each) are Soll Court across from Pacific Market, Gwendolyn Place near Litchfield Avenue, and McKinley Street near the Rialto Cinema.

Staff is recommending that the lights be installed for a trial period beginning August 8th until November 1, 2016. This would allow for the time change to happen when it gets darker earlier so that the light spillage and brightness can be fully studied.

Staff will notify nearby residents of this trial project and its intent, to study the aesthetics of the LED street lights vs. the HPS street lights. Staff will contract with a local contractor to install the lights, and will have a LED street light and specification sheet at the Council meeting for viewing.

Recommendation:

Staff recommends the City Council authorize installation of the three 2700 Kelvin LED cobra head street lights on City street light poles on Soll Court, Gwendolyn Place, and McKinley Street for a trial period.