



# REPORT TO COUNCIL City of Sacramento

915 I Street, Sacramento, CA 95814-2604  
www.CityofSacramento.org

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Consent  
May 25, 2010

Honorable Mayor and  
Members of the City Council

**Title:** Light Emitting Diode (LED) Street Light Pilot Phase 1 Project (T15115200)

**Location/Council District:** Del Paso Boulevard (District 2), Arden Way (District 3), J Street (District 3), 46<sup>th</sup> Street (District 3), and Pocket Road (District 7.)

**Recommendation:** Adopt a **Resolution:** 1) establishing a new Capital Improvement Project for Light Emitting Diode (LED) Street Light Pilot Phase 1 Project (T15115200); 2) appropriating funds in the amount of \$40,000 (Fund 3702) to the project.

**Contact:** Sompol Chatusripitak (916) 808-5961; Tim Mar, Supervising Engineer (916) 808-7531

**Presenters:** None

**Department:** Transportation

**Division:** Engineering Services

**Organization No:** 15001131

## Description/Analysis

**Issue:** The City was awarded grants from SMUD through two agreements totaling \$40,000 for the LED Street Light Pilot Phase 1. This report recommends the appropriation of \$40,000 (Fund 3702) in SMUD funding for the project. The objective of the project is to evaluate LED street lights for performance and cost effectiveness. The results from Phase 1 will assist the City in selecting the best products for future phases of LED installation.

**Policy Considerations:** The action requested herein is consistent with the Sacramento City Code Title 3 and with the City of Sacramento Strategic Plan goals of improving and expanding public safety and adopting sustainable technologies.

## Environmental Considerations:

**California Environmental Quality Act (CEQA):** This report concerns administrative activities that will not have a significant effect on the

environment and does not constitute a “project” as defined by CEQA [CEQA Guidelines Section 15061 (b)(3); 15378 (b) (2)]. Activities funded in part or whole with these funds will undergo appropriate environmental review.

**Sustainability Considerations:** This project is consistent with the Sustainability Master Plan goals to adopt sustainable technologies to improve public safety.

**Other:** None.

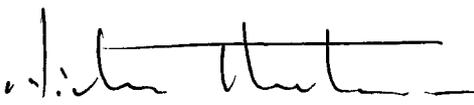
**Commission/Committee Action:** None.

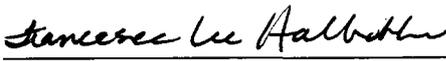
**Rationale for Recommendation:** The City provides vehicular and pedestrian improvements to enhance the public right-of-way and to increase safety through the use of sustainable technologies.

**Financial Considerations:** The LED Street Light Pilot Phase 1 Project (T15115200) is funded through two agreements totaling \$40,000 from the SMUD. Establishment of the CIP and appropriation of these funds to the project is sufficient to install the LED street lights at five locations.

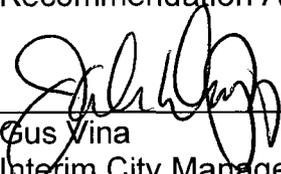
There are no General Funds planned or allocated for this project.

**Emerging Small Business Development (ESBD):** None, since no goods or services are being procured.

Respectfully Submitted by:   
Nicholas Theocharides  
Engineering Services Manager

Approved by:   
Jerry Way  
for Director of Transportation

Recommendation Approved:

  
Gus Vina  
Interim City Manager

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## Attachment 1

### Background

The City was awarded grants funding from the SMUD through two agreements totaling \$40,000 for the LED Street Light Pilot Phase 1. This report establishes a new CIP and appropriates \$40,000 (Fund 3702) in SMUD grants for the project. The objective is to evaluate LED street lights for performance and cost effectiveness. Results from Phase 1 of this project will assist the City in selecting the best products for future phases of installation.

Phase 1 of this project proposes to install LED street lights on an experimental basis at the following locations:

- Del Paso Boulevard (District 2)
- Arden Way ( District 3)
- J Street (District 3)
- 46<sup>th</sup> Street (District 3)
- Pocket Road (District 7)

The above locations are recommended for evaluation for the following reasons:

Del Paso Boulevard – assess the LED’s performance where we have both ornamental lights in combination with mast arm street lights on a commercial corridor.

Arden Way – assess LED mast arm street lights in front of Arden Fair Mall along a commercial corridor with significant background lighting from adjacent uses.

J Street –assess LED ornamental lights on a commercial corridor.

46<sup>th</sup> Street –assess LED ornamental lights in a residential neighborhood.

Pocket Road –assess LED mast arm street lights along an arterial street with minimal/no background lighting.

**Attachment 2**

**RESOLUTION NO.**

Adopted by the Sacramento City Council

**Light Emitting Diode (LED) Street Light Pilot Phase 1 Project  
(T15115200)**

**BACKGROUND**

- A. The City was awarded \$40,000 in grants through Agreement Numbers 2010-0319 and 2010-0320 with Sacramento Municipal Utility District (SMUD).
- B. The objective of the project is to evaluate LED street lights for their performance and cost effectiveness. Results from Phase 1 of this project will assist the City in selecting the best products for the following subsequent phases of installation.

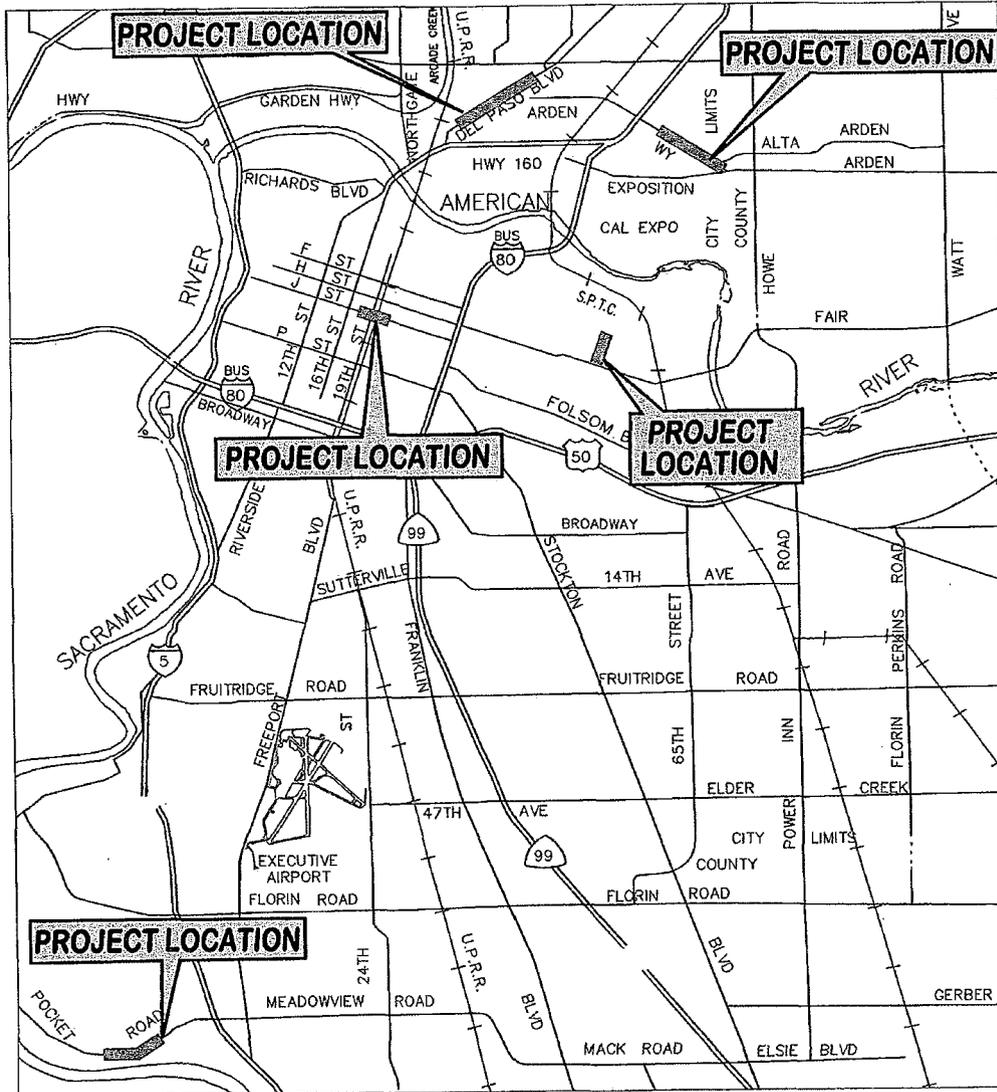
**BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:**

- Section 1. The Light Emitting Diode (LED) Street Light Pilot Phase 1 Project (T15112500) is established as a new Capital Improvement Program.
- Section 2. The FY09/10 Capital Improvement Program is amended by appropriating \$40,000 (Fund 3702) to the Light Emitting Diode (LED) Street Light Pilot Phase 1 Project (T15115200).
- Section 3. Exhibit A is incorporated into and made part of this resolution.

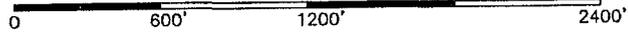
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- Exhibit A: Map of the Light Emitting Diode (LED) Pilot Phase 1 Project (T15115200)

EXHIBIT A  
Location Map for  
**LIGHT EMITTING DIODE (LED)  
STREET LIGHT PILOT PHASE 1  
T15115200**



Department of  
**TRANSPORTATION**  
City of Sacramento



Map Contact: A. DEL CARMEN

April 2010