



NOTICE OF A PUBLIC HEARING ON ENERGY SERVICE CONTRACTS FOR ENERGY-EFFICIENT LIGHTING RETROFIT AT CALTRAIN STATIONS

Board of Directors

May 2, 2019

Agenda Item #4 (f)

Purpose of Section 4217.10

- Streamline procurement and delivery of energy conservation measures at public agencies
 - Allows agencies to forgo public bidding, while complying with state public works requirements
 - Allows a public agency to procure the design, materials, and installation of a project in a single contract
- More quickly realize annual cost savings
- Qualify for time-limited rebate opportunities
- Provide procurement flexibility to maximize savings and minimize costs

Procedural Requirements

- Board must make findings at a Public Hearing, noticed two weeks prior:
 - that the contract is in the best interest of the public agency
 - that the anticipated cost to the public agency for the thermal or electrical energy or conservation services will be less than the anticipated marginal cost to the public agency for the energy that would have been consumed in the absence of the contract
- Required for each energy service contract

2017 Caltrain Station LED Project

In 2017 178 lights were upgraded from incandescent to LED (light emitting diode) at the San Carlos Caltrain Station for a cost of \$70,949.

Before

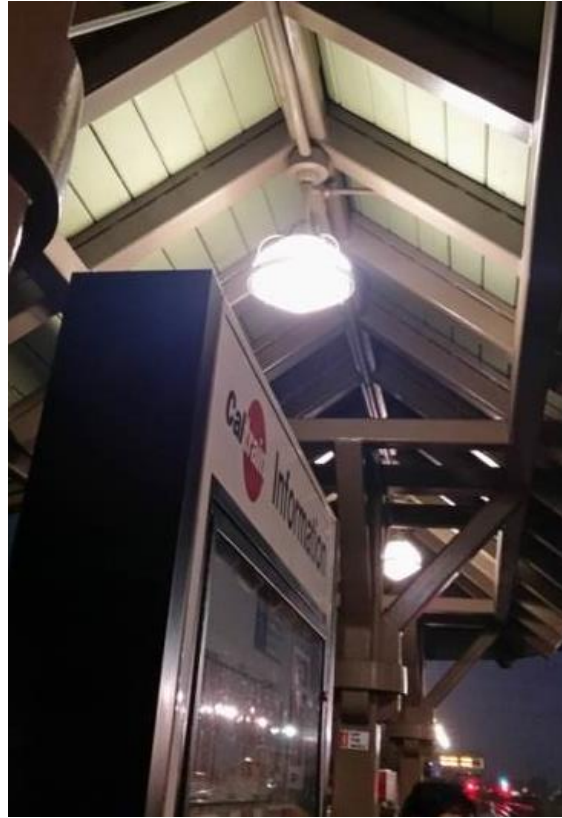


After

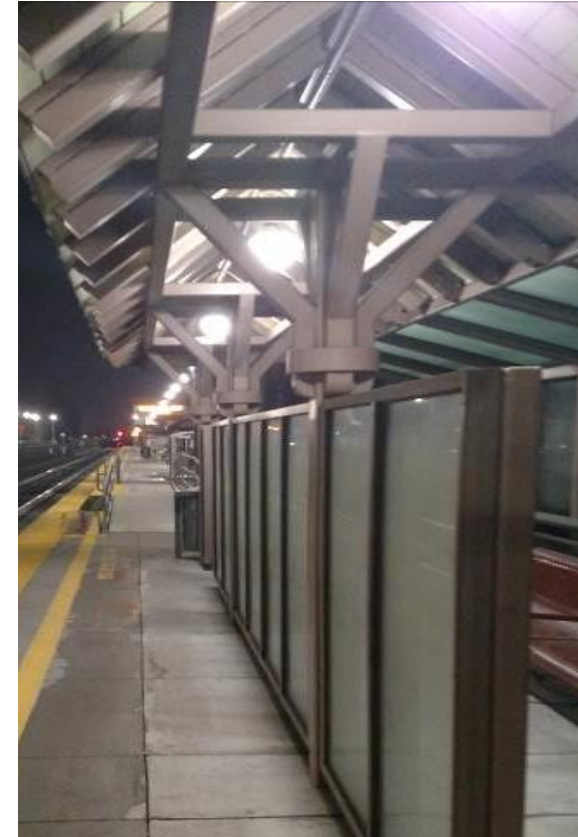


2017 Caltrain LED Project

Before



After



2017 Caltrain LED Project

Before



After



2019 Caltrain System-wide Energy Efficient Lighting Upgrade

- Upgrade to energy efficient LED lights at approximately 20 stations
- Benefit from rebates that may not continue past 2019
- ROI with rebate is 4 years or less at most stations
- \$540k contract cost
- \$210k savings from rebates
- \$261k annual cost savings through lowered power consumption