



FINDINGS & AWARD OF ENERGY SERVICE CONTRACT FOR ENERGY-EFFICIENT LIGHTING RETROFIT AT CALTRAIN STATIONS

Board of Directors

June 6, 2019

Agenda Item #3 (a)

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

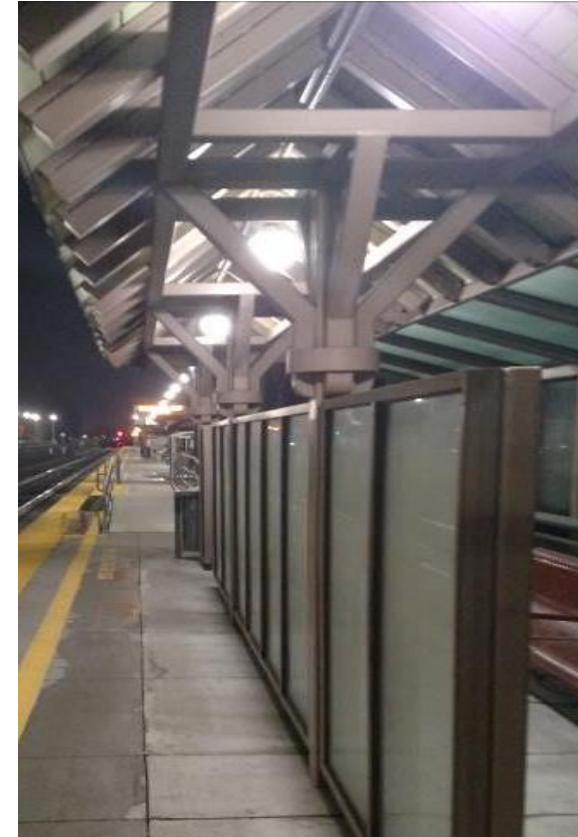


2017 Caltrain LED Project

Before



After



2017 Caltrain LED Project

Before



After



2019 Caltrain System-wide Energy Efficient Lighting Upgrade

- Upgrade 2,726 lights to energy efficient LED lights at 20 stations
- Project includes \$210k savings from rebates
 - Because rebates may not be available in 2020, 2019 construction is important.
- In the aggregate, this project will achieve ROI in slightly more than 3 years and will result in \$261k expected annual cost savings through lowered power consumption

2019 Caltrain System-wide Energy Efficient Lighting Upgrade

- Contract with a total cost of \$540,395 for the project will be awarded to “A Bright Idea Services Inc.” (ABI)

Thank you

- Happy to help with any questions.