

## BART - South Hayward LED Parking Lot Lighting Scope

### Overview

BART and the City of Hayward have formed a Joint Powers Authority (JPA) to oversee improvements in and around the BART South Hayward Station. One proposed improvement is to upgrade the parking lot lighting from high pressure sodium luminaires to LED luminaires. The LED luminaires will provide better lighting quality and reduce the operating costs of the lighting due to lower energy usage and longer maintenance intervals.

RS2 Energy is providing the following scope of work to assist BART in implementing the parking lot lighting improvements in the South Hayward Station.

### Tasks:

- 1) Review and comment on LED lighting design for South Hayward BART Station in regards to all applicable Title 24 requirements for lighting.
  - Advise BART staff on the conformance of the design to Title 24 requirements including lighting power allowance (LPA), controls, and backlight, uplight and glare (BUG)
  - Recommend revisions/updates to lighting design as needed to ensure conformance
  - Deliverable: Design review report
  - Scheduled completion: 2 weeks following specification and design forwarded to RS2
- 2) Identify the requirements for the utility rebate/incentive from PG&E and complete all rebate related paperwork.
  - Coordinate with BART and PG&E to complete pre-installation inspection if necessary
  - Deliverable: Completed utility paperwork
  - Scheduled completion: 2 weeks following completion of final design
- 3) Attend final inspection of completed installation with BART staff to verify conformance per PG&E rebate requirements & obtain rebate.
  - Conduct walk through of completed installation with BART staff and PG&E
  - Close out rebate related tasks with PG&E
  - Deliverable: Final inspection report / verification of correct rebate amount received
  - Scheduled completion: 2 weeks following installation