

Bay Area Rapid Transit (BART)

Emergency/Electrical & Lighting Solutions



Major lighting retrofit drives significant safety, security and energy improvements for BART.

CHALLENGE

- BART 16th and 24th Street Stations opened for service in 1973, all light fixtures were original
- BART hired ABM to perform significant electrical upgrades for safety, security, and energy savings
- This is the first retrofit project that BART has done in more than 15 years

SOLUTION

- Removed and disposed of (2,962) fluorescent light fixtures that had very inefficient T12 lamps and magnetic ballasts
- Furnished and installed (784) new high efficient fluorescent light fixtures
- Relamped and reballasted inefficient fluorescent light fixtures and signs with new high efficient T8 lamps and electronic ballasts
- Furnished and installed light inverters, control panels, switches, circuits
- Provided new emergency lighting circuitry

BENEFITS

- 786,687 kwh saved per year
- 75% reduction in energy costs
- 3.3 year payback
- 400% improvement in the light level
- Safer environment resulting in significantly decreased criminal activity
- Project qualified for special rebate through the Association of Bay Area Governments that was quadruple the normal rebate

ABM works with you to reduce your operating expenses while keeping your property safe, clean, comfortable and energy efficient through stand-alone or integrated solutions.



Before Improvements



After Improvements



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