

Tri-Met Powell Lift Facility Portland, Oregon



Architect: CIDA
Portland, Oregon

Contractor: Tice Electric Company
Portland, Oregon

Completed: 2003

Tri-Met Powell lift facility was a new building and parking lot, built adjacent to the existing Tri-Met Bus maintenance facility. Working closely with the electrical contractor and Tri-Met facility personal, a scope of work was developed to achieve optimal performance of the facility along with energy savings and concerns for the surrounding residential neighborhood.

Our involvement in the project was:

1. Time clock control of parking lot lights to reduce the impact on surrounding residential neighbors during non-peak use of facility.
2. Achieving the required Tri-Met light levels around vehicles at the facility.
3. Using Occupancy sensors and Bi-level lighting of interior lighting to achieve optimum energy efficiency.
4. Design of the electrical system to allow operation from a backup generator.

