



Transportation

Transit

Client

Architects Hawaii

Location

Honolulu, HI, USA

Pearl City Bus Facility Construction Services

Project Highlights

- Construction services for a comprehensive 21-acre transportation facility
- Inspection, scheduling, and reporting services for contractor coordination issues that affected the proper installation of bus lifts
- Meetings with Contractor personnel, user personnel, and City officials to plan the impact of delays and determine acceptable schedules for contractor and user move-in dates
- Smooth transition during the move into the new facility and troubleshooting during the first week of full operation
- Day and night observation services, working with user supervisors to identify concerns for specific functions of maintenance equipment; monitoring of night operation (fueling and washing 250 buses) to ensure proper operation, bus flow, and schedule
- In-depth inspection reports identifying all contractor discrepancies related to identifying equipment installation, utility, or functionality
- Identification of training requirements for proper use and maintenance of equipment

Project Description

The Pearl City Bus Facility consists of a transportation building, a 250-bus operating garage, a fuel and wash facility, a central training facility, and a central paint and body shop to serve 650 buses at full buildout, all on a 21 acre site. Services were provided in three phases—planning and programming, design, and construction services.

As part of the team providing construction services on this project, CH2M HILL staff provided facility and equipment installation consultation to the Contractor, shop drawing reviews, cost allowance reviews on equipment and installation costs, response to RFIs, change order reviews based on equipment substitutions, installation inspection for equipment, final inspection for the installed equipment for final acceptance, and review of all operation and maintenance manuals provided to the client-user.

As part of the final inspection procedures, our staff and the manufacturer's representatives ran the various types of equipment through testing and inspection procedures to ensure that the equipment had been properly installed and all utilities were provided. Periodic inspections included an inventory to ensure that each piece of equipment onsite had been delivered according to the requirements of the drawings and specifications. The Pearl City Facility was supplied with \$4.1 million in specialized maintenance equipment.