

# Operations and Maintenance Center

The Valley Metro Rail Operations and Maintenance Center (OMC) is the hub of light rail maintenance and operations in the Valley. The 35-acre property has three main structures: Maintenance of Way, Maintenance of Equipment and Light Rail Vehicle Wash.

The center houses a 210-person operations and maintenance team comprised of operators, mechanics, cleaners, signal technicians, traction power electricians, track maintainers and maintenance personnel.

The OMC is designed for maximum efficiency and possible expansion to accommodate future growth of the light rail system. It has the capacity and infrastructure to conduct heavy repair and overhaul work, including two 10-ton cranes to move parts and equipment and a full-service body shop complete with a paint spray booth. Full-length mezzanines give crews access to vehicle roof equipment and an in-floor hoist system allows mechanics to lift two vehicles at a time.



## Environmentally Friendly Features

- Seasonal and work/non-work hour adjustments of lighting, heating and cooling
- Window design that admits glare-free light, little to no heat gain and most face north or south
- Irrigation level regulated by climatic conditions
- Water reclamation process for the vehicle wash
- Solar panels power the facility



## Facility Features

- Two vehicle in-floor hoists
- Two truck repair lifts
- Two 10-ton bridge cranes
- Sand distribution system
- Paint spray booth
- Automated vehicle wash

## Maintenance Times

- HVAC system: 2.1 hours
- Propulsion system: 1.8 hours
- Friction brake system: 2.0 hours
- Auxiliary power system: 1.5 hours

## Maintenance of Equipment Site Plan

