



OPERATIONS AND MAINTENANCE CENTER



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

The Center houses a 200-person operations and maintenance team comprising of operators, mechanics, cleaners, signal technicians, traction power electricians, track maintainers and maintenance personnel. The only METRO Operations Division employees headquartered elsewhere are the controllers working at the Rail Control Center in downtown Phoenix near the Bus Control Center.

It is also the site where Kinkisharyo, the vehicle manufacturer and now maintainer, had specialists perform vehicle assembly and where all vehicle parts are shipped.

The Center is designed for maximum efficiency and possible expansion to accommodate future growth of the METRO system. It has the capacity and infrastructure to conduct heavy repair and overhaul work, including a 10-ton crane 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.

Fifty additional vehicles can be supported in this same facility.



Environmentally-friendly facility features

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



Facility features

- Two vehicle in-floor hoists
- Two truck repair lifts
- 10-ton bridge crane
- 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

siteplan
Maintenance of Equipment

