

Massachusetts DOT

Maintenance Depot Offices

Boston, MA

Government



The Massachusetts Department of Transportation (MassDOT) was in severe need of replacing two maintenance offices. Due to the amount of operational disruption on-site construction would have generated, MassDOT chose off-site construction. This solution mitigated operational disruption and reduced construction traffic with its associated risks in active DOT yards.

A unique “build-together” process enabled the offices to arrive with all exterior siding and roofing installed as well as high level of completion on the interior, ensuring a shorter site installation time.

To reduce expenses, the two offices include Monocrystalline Solar Panels equipped to maximize efficiency and natural gas fired-

backup generators with auto transfer, as well as high-efficiency interior light fixtures with occupancy sensors, high-efficiency natural gas HVAC units, energy efficient Rhino windows, and reflective white EPDM roofing.

These buildings combine the ideal mix of architectural, structural, mechanical, and electrical features while maintaining strict adherence to budget requirements and stringent BBRS MA building codes. They feature large storefront daylighting windows, factory applied custom exterior, epoxy floor toilet/shower rooms, clean, smooth interior finishes, and industrial-style accents like an open ceiling in the common areas. Integrated factory canopies protect the entryway.

FASTER Schedule reduced more than 50% which saved significant costs in labor, mobilization, and demobilization

LESS DISRUPTION Minimized operational disruption/hazards

PROJECT TYPE Volumetric modular construction

DESCRIPTION Two - DOT Maintenance Depot Offices

OWNER Massachusetts DOT

ARCHITECT Johnson Roberts

CONSTRUCTION COST \$3.8 million

SIZE 850 sq. ft. each

