

Office of Planning - Large Tract Review Team  
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Washington DC 20024

### **Bladensburg Bus Maintenance Facility Replacement Architecture Narrative**

The Washington Metropolitan Area Transit Authority (WMATA) is currently developing the design of a new Bus Operations and Maintenance facility sized for a fleet of 300 transit vehicles (200 standard and 100 articulated buses) at the site of the existing Bladensburg Bus Operating Garage.

The proposed Bus Operations and Maintenance Facility (146,437 sf) is planned to operate 24 hours a day, 7 days a week and are to be designed to include the following operational elements:

- Bus Maintenance
- Body Repair
- Paint
- Bus Operations
- Bus Fuel and Wash
- Bus Parking
- Employee and Visitor Parking Deck

Bus circulation and parking will be accommodated on the surface of the 17.63 acre site, and employee and visitor parking will be located on a single-story parking deck (237,425 sf) above the bus parking area. The upper deck of the parking deck will connect to the second level of the Bus Operations and Maintenance Facility by a pedestrian bridge that crosses above bus circulation lanes.

The design of the new facilities will pursue LEED Platinum certification (minimum LEED Gold), and accommodate bus technology of clean diesel, hybrid electric diesel buses, battery electric buses, and compressed natural gas buses.

Construction of the facilities will occur in several phases, with bus parking and operations continuing throughout.

- Phase 1 (April-21) – Abatement and Demolition of the existing Heavy Repair and Overhaul Shop
- Phase 1a (Sept-21) – Construct the new Bus Maintenance, Fuel & Wash Building
- Phase 2 (Sept-23) – Abatement and Demolition of remaining existing buildings
- Phase 2a (Dec-23) – Construct 70% of Parking Deck
- Phase 3 (May-25) – Construct remainder of Parking Deck and complete site development