

# The Montgomery County Equipment Maintenance and Operations Center

## Project Information:

- **Location:** Rockville, MD
- **Size:** 75,000sf
- **Cost:** \$15 million
- **Estimated Completion:** Feb 2013
- **Occupancy:** Mixed Use



## Project Team:

- **Owner:** Montgomery County
- **General Contractor:** Coakley Williams Construction
- **Architect:** Baker and Associates
- **Engineering Firm:** EPCM, Inc.



## Architecture:

- Designed for function rather than appearance
- Fits into the urban fabric of its surroundings
- Mixed Use: lower level is garage and storage space, upper level is offices and operations
- Design Strives for LEED Gold

## Mechanical System:

- Two main rooftop air handling units
- Strict focus on ventilation systems due to fuel and vehicle fumes
- 4.3 acres (75% of roof) of green roof provides thermal barrier from solar heat gain

## Lighting/Electrical System:

- Automated lighting reduces energy consumption by 50%
- Daylighting into vehicle maintenance bays through glazed panels and transoms
- Exterior lighting complies with LEED requirements for light pollution

## Structural System:

- Steel frame building with multiple façade materials
- Large spans and high ceilings in maintenance bays
- Minimal columns in maintenance bays for easy maneuvering of buses and other vehicles

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AE 481W: Senior Thesis  
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