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Owner:

The Department of Defense

Project Cost:

\$36,500,000

Square Footage:

35,000 sf

Cost per Square Foot:

\$1,042.86/sf

Completion Date:

2003

Project Consultants:

General Contractor

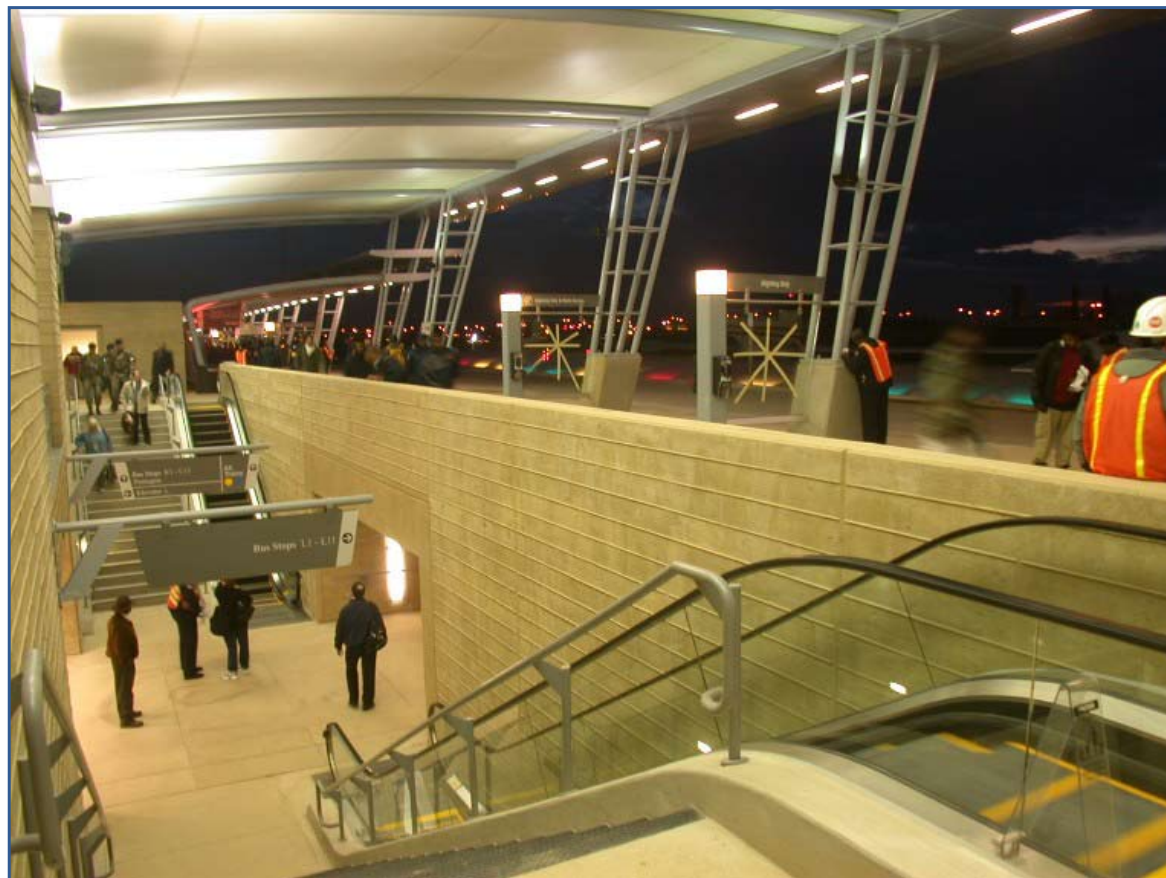
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Consulting Firm

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Project Description:

The Pentagon Metro Entrance Facility was a congressionally mandated security project to relocate the Pentagon bus station further from the building and to create a secure screening facility for visitors entering the Pentagon. Balancing the security needs of the Department of Defense while creating a welcoming and historically sensitive "front door" to the Pentagon is a difficult balancing act made possible with sustainable solutions. The design of the Pentagon Metro Entrance Facility uses landscaped dirt berms to mitigate the potential effects of a blast. Self-cleaning Teflon-coated fiberglass canopies protect pedestrians from the foul weather and will not fragment in the event of an explosion (as is the case with glass or other less flexible materials).

Green Features:

The Pentagon Metro Entrance Facility is the first Department of Defense facility to receive Leadership in Energy and Environmental Design (LEED®) certification from the U.S. Green Building Council. The following features design and construction features contribute to the LEED Certification:

- At least 50% of waste was diverted from landfills
- Electric vehicle outlets
- Vegetation covers half the open space restoring life back to the site
- High reflectance EnergyStar roofing installed
- 20% savings in energy consumption
- Over 50% of the building materials were assembled within 500 miles
- Over 50% of the materials contain recycled content
- 21% of wood-based materials were FSC certified
- Permanent CO2 monitoring systems installed

