

WAYNE AVENUE PARKING GARAGE

SILVER SPRING, MARYLAND



Construction Data:

Cost \$22,000,000
Completion Date 2004

Parking Data:

Number of Spaces 1789
Number of Levels 7

Structural Features:

Cast-in-place post-tensioned concrete structural system
Precast veneer façade with enhanced brick

Walker Parking Consultants' Services:

Prime Designer/Engineer of Record
PARCS/Signage Consulting

Client Reference:

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Awarded the 2008 "Overall Excellence in Smart Growth" from the US Environmental Protection Agency.

The redevelopment of Downtown Silver Spring in Maryland including a new large movie cinema complex created the need for the Wayne Avenue Parking Structure. A companion parking structure one block away, Town Square Garage, serves other cinema and retail tenants, some of which are in the lower levels of this parking facility. Providing the first experience to the patrons visiting the area, this facility contains a number of the latest technological advances in parking structure design.

Durability features include post-tensioned concrete, epoxy-coated reinforced steel, a fully encapsulated post-tensioning system, and chloride inhibiting add-mixtures. In addition, design measures such as positive drainage, low slump and low water-cement ratio concrete will help contribute to long-term durability while reducing life-cycle maintenance costs.

Both garages includes state-of-the-art pay-on-foot revenue control parking equipment that will allow the cinemas and the retail tenants to validate parking tickets for reduced parking costs to the consumer. Space availability signs are located at every level to assist in directing drivers to open parking spaces.

The Wayne Avenue Parking Structure has a blend of precast panels and decorative metals to provide a modern look in the theme of the adjacent cinema.