Pkg Bethesda Elevator Modernization -- No. 500328

Category	**Transportation**	Date Last Modified	**January 6, 2006**
Agency	**Public Works & Transportation**	Required Adequate Public Facility	**NO**
Planning Area	**Bethesda-Chevy Chase**		
Relocation Impact	**None**		

EXPENDITURE SCHEDULE ($000)

Cost Element	Total	Thru FY05	Est. FY06	Total 6 Years	FY07	FY08	FY09	FY10	FY11	FY12	Beyond 6 Years
Planning, Design and Supervision	69	0	69	0	0	0	0	0	0	0	0
Land											
Site Improvements and Utilities											
Construction	1,203	0	257	946	301	645	0	0	0	0	0
Other											
Total	1,272	0	326	946	301	645	0	0	0	0	0

FUNDING SCHEDULE ($000)

Current Revenue: Parking - Bethesda	1,272	0	326	946	301	645	0	0	0	0	0

ANNUAL OPERATING BUDGET IMPACT ($000)

DESCRIPTION

This project provides for the modernization of existing elevators in Bethesda Garages to improve elevator safety, operation, and to improve the installation to current standards. It also includes a remote monitoring system for the elevators.

Service Area

Bethesda Parking Lot District

JUSTIFICATION

Elevator breakdowns are an inconvenience to the public, a safety concern of the County, and may impede ADA accessibility. Garage elevators are not classed normal because these units are more subject to abuse from the riding public, and they are also exposed to all kinds of environmental conditions which lower the realistic life expectancy of the equipment by five to ten years. The normal life expectancy of an elevator is between 20 to 25 years. Garage elevators that will be modernized are Garage 47 (3 units) and Garage 57 (4 units). Elevator equipment in Garage 47 and Garage 57 is approximately 17 and 11 years old, respectively. A May 7, 2001, elevator consultant report recommends renovation of these elevators based on current County design criteria, age, design, and condition of the equipment. The elevator remote monitoring system provides for operational condition surveillance which should reduce the downtime of elevators, since personnel will know immediately when an elevator is not operational.

Plans and Studies

"Study Montgomery County Parking Facility Elevators," dated May 7, 2001.

Cost Change

Not applicable.

STATUS

Design stage in FY06, with construction in FY07 and 08.

OTHER

Operations review and analysis of the installed monitoring systems have resulted in a delay in proceeding with the project.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY03	($000)
Initial Cost Estimate		1,272
First Cost Estimate Current Scope	FY03	1,272
Last FY's Cost Estimate		1,272
Present Cost Estimate		1,272
Appropriation Request	FY07	698
Appropriation Request Est.	FY08	0
Supplemental Appropriation Request	FY06	0
Transfer		0
Cumulative Appropriation		574
Expenditures/ Encumbrances		0
Unencumbered Balance		574
Partial Closeout Thru	FY04	0
New Partial Closeout	FY05	0
Total Partial Closeout		0

COORDINATION

Bethesda Chevy Chase Regional Services Center
Bethesda Chevy Chase Chamber of Commerce
Silver Spring Elevator Improvements

MAP

See Map on Page 23-4