401 Hungerford Drive Garage -- No. 500705

Category	**General Government**	Date Last Modified	**January 6, 2006**
Agency	**Health and Human Services**	Required Adequate Public Facility	**NO**
Planning Area	**Rockville**		
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	477	0	0	477	0	0	477	0	0	0	0
Land											
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	477	0	0	477	0	0	477	0	0	0	0

FUNDING SCHEDULE ($000)

G.O. Bonds	477	0	0	477	0	0	477	0	0	0	0

ANNUAL OPERATING BUDGET IMPACT ($000)

DESCRIPTION

The project provides for the design of the rehabilitation of the 401 Hungerford Drive parking garage. The concrete decks in the three story garage are experiencing moderate to severe deterioration. A study completed in June 2005 recommended the removal and replacement of the deteriorated concrete, removal and installation of new expansion joints, repair of the stair tower cracking, new lighting, seismic reinforcement, stormwater management improvements, application of a traffic bearing membrane, concrete sealer and improvements to the small parking lot.

Service Area

Rockville

JUSTIFICATION

The parking garage has been in service since 1986. The two upper decks of the garage and access ramps are in poor condition and have experienced moderate corrosion of the structural steel and related deterioration, spalling, and the ponding of water. As of March 2005, 17 percent of the top deck and 13 percent of the middle deck were delaminated or spalled. The structural slabs are in poor condition due to long term infiltration of water and road salts which continue to deteriorate the concrete and corrode the embedded steel reinforcement. There is significant deterioration of the ramp to level 3. The soffit is spalling in some areas due to the migration of water through the unsealed construction joints and cracks in the decks. The garage does not meet current code requirements for stormwater management or seismic events.

Plans and Studies

"Existing Condition Appraisal Report" by Walker Parking Consultants, June 2005. A pedestrian impact analysis has been completed for this project.

Cost Change

Not applicable

STATUS

Planning Stage

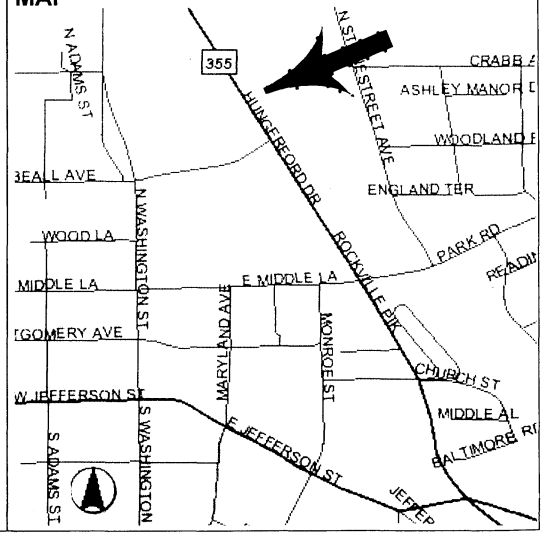
FISCAL NOTE

The total cost of this project is estimated to be between $6 and $7 million. Final construction cost will be determined during the design phase.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY07	($000)
Initial Cost Estimate		477
First Cost Estimate Current Scope	FY07	477
Last FY's Cost Estimate		0
Present Cost Estimate		477
Appropriation Request	FY07	0
Appropriation Request Est.	FY08	0
Supplemental Appropriation Request	FY06	0
Transfer		0
Cumulative Appropriation		0
Expenditures/ Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY04	0
New Partial Closeout	FY05	0
Total Partial Closeout		0

COORDINATION

Department of Public Works and Transportation
Department of Health and Human Services

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