

# Davis Library Renovation -- No. 710703

Category  
Subcategory  
Administering Agency  
Planning Area

Culture and Recreation  
Libraries  
General Services  
Bethesda-Chevy Chase

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

May 20, 2010  
No  
None.  
Preliminary Design Stage

## EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	1,714	0	0	1,714	0	487	1,227	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
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
<b>Total</b>	<b>1,714</b>	<b>0</b>	<b>0</b>	<b>1,714</b>	<b>0</b>	<b>487</b>	<b>1,227</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## FUNDING SCHEDULE (\$000)

G.O. Bonds	1,714	0	0	1,714	0	487	1,227	0	0	0	0
<b>Total</b>	<b>1,714</b>	<b>0</b>	<b>0</b>	<b>1,714</b>	<b>0</b>	<b>487</b>	<b>1,227</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### DESCRIPTION

The Davis Library located at 6400 Democracy Boulevard, Bethesda, Maryland, is a two-level, 25,750 square foot structure and was built in 1963. The project includes renovation of 25,750 square feet of existing facility and 9,300 square feet of additional space. The architectural and the mechanical/electrical systems in the building are 46 and 25 years old, respectively, and therefore, have exhausted their economic life expectancies. These renovations will not only extend the life of the building significantly, but replacement of old mechanical and electrical and other systems with state-of-the-art equipment and components will save energy and, therefore, reduce the operating cost as well.

### ESTIMATED SCHEDULE

The design phase will commence late fall 2011 and is estimated to last for twenty months.

### JUSTIFICATION

The building mechanical and electrical systems were renovated in 1984. Upon receiving numerous complaints from the occupants, the indoor air quality study was performed in 1999, and the report indicates that the building has chronic air quality problems which need to be addressed with major renovations. Findings from the study indicate several deficiencies exist in the systems; these deficiencies can only be addressed by redesigning and replacing all systems in their entirety. The Division of Facility Maintenance, Department of General Services has noticed that the number of complaints from the building occupants has increased in terms of indoor air quality, temperature, humidity, mildew growth, and discomfort in recent years resulting in higher maintenance costs and downtime. Responding to the complaints is becoming more complex and even critical for the Division of Facility Maintenance as the compatible spare parts are not readily available in the market. In the life of a building, the HVAC, control, electrical, fire protection, and communication systems require replacement at least once every 20 years. The Department of Libraries also recommends an additional 9,300 gross square feet be added to the existing structure to address the Department's current space needs, which require the addition of a HVAC system to the main system to meet the additional heating and cooling loads.

### OTHER

The Davis Library will be closed during construction.

### FISCAL NOTE

Final construction costs will be determined during the design development stage.

### OTHER DISCLOSURES

- A pedestrian impact analysis has been completed for this project.

### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY10	(\$000)
First Cost Estimate	FY10	1,714
Current Scope		1,714
Last FY's Cost Estimate		1,714
Appropriation Request	FY11	0
Appropriation Request Est.	FY12	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,714
Expenditures / Encumbrances		0
Unencumbered Balance		1,714
Partial Closeout Thru	FY08	0
New Partial Closeout	FY09	0
Total Partial Closeout		0

### COORDINATION

Department of General Services  
Department of Public Libraries  
Department of Permitting Services

### MAP

