

# HVAC Replacement: MCPS -- No. 816633

Category **MCPS**  
 Agency **Public Schools**  
 Planning Area **Countywide**  
 Relocation Impact

Date Last Modified  
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 Required Adequate Public Facility

May 19, 2006  
 19-18 (03 App)  
 NO

## 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	3,831	181	350	3,300	550	550	550	550	550	550	0
Land											
Site Improvements and Utilities											
Construction	26,391	2,866	2,825	20,700	3,450	3,450	3,450	3,450	3,450	3,450	0
Other											
<b>Total</b>	<b>30,222</b>	<b>3,047</b>	<b>3,175</b>	<b>24,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>0</b>

## FUNDING SCHEDULE (\$000)

Qualified Zone											
Academy Funds	736	561	175	0	0	0	0	0	0	0	0
G.O. Bonds	26,936	1,616	2,170	23,150	3,150	4,000	4,000	4,000	4,000	4,000	0
State Aid	2,550	870	830	850	850	0	0	0	0	0	0

## ANNUAL OPERATING BUDGET IMPACT (\$000)

### DESCRIPTION

This project provides for orderly replacement of heating, ventilating, air conditioning, control, and plumbing systems in facilities that are not on the modernization schedule. Related asbestos removal costs are included with each project. These systems or components are outdated or have become expensive to repair and maintain necessitating replacement. MCPS is participating in interagency planning and review of this program in order to share successful and cost effective approaches. In addition to HVAC replacement, the Council added \$725,000 in additional appropriations to the FY 1998 request for (FACE) Facilities Air Conditioning Equity (a pilot program to provide air conditioning at Cabin John Middle School and Luxmanor Elementary School). The FY 1999 appropriation had two components - \$2 million to continue the HVAC replacement program and \$1.2 million to provide additional planning and construction funds for the FACE initiative to provide air conditioning in three schools. An additional \$1.2 million was programmed in FY 2000 to complete an additional three schools.

The adopted FY 1999 and FY 2000 amounts would have allowed six schools to be air conditioned with unitary systems. There was no commitment for the remaining 11 schools to be air conditioned. The costs of providing central air conditioning was cost prohibitive. A supplemental appropriation of \$900,000 for completion of scheduled air conditioning at Cabin John Middle School and Luxmanor Elementary School was approved by the County Council in FY 1998. Two FY 1999 supplemental appropriations for the FACE initiative were approved -- the first in the amount of \$2.635 million the second in the amount of \$320,000. Also an FY 2000 amendment was funded to accelerate the air conditioning of all remaining non-air conditioned schools and holding schools for completion by September 2000. In FY 2000, \$175,000 was transferred from this project to the Elementary School Gymnasium PDF for the construction of Burnt Mills Elementary School gymnasium and \$20,000 was transferred to the local unliquidated surplus account. Funds approved in FY 2001 and FY 2002 continued this project.

An FY 2003 appropriation was approved to continue to provide for the replacement of heating, ventilating, air conditioning, and plumbing systems in facilities that are not on the modernization schedule. An FY 2004 appropriation was approved to continue this project at its current level of effort. An FY 2005 appropriation was approved to continue to provide heating, ventilating, air conditioning, and plumbing system replacements in facilities that are not scheduled to be modernized. Increases in expenditures shown for FY 2005 and beyond reflect the need to address the backlog of HVAC projects, partially due to the delay in the modernization schedule. For FY 2005, an additional \$745,000 in state aid was included in this project as a result of federal funding, issued by the state, through the Qualified Zone Academy Bond (QZAB) program. An FY 2006 appropriation was approved to continue this project. An FY 2007 appropriation was approved to continue this project. Expenditures shown in the adopted FY 2007-2012 CIP for this project have increased in order to address the backlog of HVAC projects, as well as the rise in construction costs.

\* This project will continue indefinitely.

### JUSTIFICATION

Criteria: needed for urgent health and safety needs.

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY81	(\$000)
Initial Cost Estimate		643
First Cost Estimate		
Current Scope	FY96	16,388
Last FY's Cost Estimate		21,053
Present Cost Estimate		30,222
Appropriation Request	FY07	4,000
Appropriation Req. Est.	FY08	4,000
Supplemental Appropriation Request	FY06	0
Transfer		0
Cumulative Appropriation		6,222
Expenditures/Encumbrances		2,740
Unencumbered Balance		3,482
Partial Closeout Thru	FY04	39,514
New Partial Closeout	FY05	2,697
Total Partial Closeout		42,211

**COORDINATION**  
 CIP Master Plan for School Facilities  
 MCPS asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

