

Washington Metropolitan Area Transit Authority
Board Action/Information Summary

<input checked="" type="radio"/> Action <input type="radio"/> Information	MEAD Number: 101055	Resolution: <input checked="" type="radio"/> Yes <input type="radio"/> No
---	------------------------	--

TITLE:

Reprogram \$3.7M, Advance Standpipe and HVAC work

PURPOSE:

To advance standpipe work in the rail system, replace chiller plant at the Mt. Vernon Station, and replace air conditioning system components at U Street, Navy Yard, and Pentagon City.

DESCRIPTION:

Board approval is necessary to perform this work:

- Modify existing standpipe rehabilitation contract, FN5068 by up to \$6.2M, from \$9M to \$15.2M
- Reprogram \$3.7M within FY2011 capital budget
- Increase the JOCIII authorization by \$4M, from \$79.1M to \$83.1M

Project Information

The dry standpipe-systems that are installed throughout the rail tunnels provide water for fire fighters in case of a fire. Four of seven contracts for replacement of the standpipes have design errors, which have caused 26 out of 323 systems to fail to meet National Fire Protection Association (NFPA) standards. The Designer based his calculations on a pump truck pressure higher than that available from local jurisdictions. The total cost to correct this error is \$6.2 million. WMATA is assessing the potential recovery of these funds. The Designer and WMATA recalculated the pressure and determined installation of six-inch pipe is the solution. Staff directed the Contractor to purchase and install six-inch standpipes. The cost of this redirection for FY2011 will be \$1.8M. In order to rectify all corrective actions, an additional \$4.4 million will be required. The \$4.4 million will be absorbed by out-year CIP138 (System-wide Infrastructure Rehabilitation). The \$1.8 million is the required funding that can be expended by June 30, 2011.

The chiller plant at Mt. Vernon was installed in 1978 and is no longer

economically repairable. It uses R-11 coolant which is no longer manufactured in the United States. The project includes replacement of the chiller, pumps, piping, and controls. In order to provide customer service and cool the station, the chiller must be replaced.

The cooling systems at U Street, Navy Yard and Pentagon City have severe corrosion and scale build-up to reduce efficiency. In order for the system to work at it's optimum, the cooling tower at U Street and Navy Yard needs to be replaced. At Pentagon City, the platform duct needs to be replaced in order for the cooling system to work efficiently.

In order to complete the Chiller plant replacement and the cooling tower overhaul by June 2011, the work will have to be executed under the JOCIII contract.

In addition, 10 air conditioning units at Bethesda, Woodley Park-Zoo and Stadium Armory will be replaced for \$2.1M. This work will have to be done under the JOC III contract in order for the stations to provide air conditioning by June 2011.

The total JOCIII contract will increase by \$4 million to execute the Chiller replacement at \$0.9M, cooling tower replacement at \$1M and the \$2.1 million for the replacement of the 10 air conditioning units at three stations.

Proposed Reprogramming

In the current fiscal year of the approval Capital Improvement Program, several projects have been identified in which budget may be reallocated in order to serve more immediate needs. These projects are as follows:

1) CIP010 - Environmental Compliance Projects

The awarded amount is \$0.2M less than the budget. This action would reallocate \$0.1 million to CIP138 (System-wide Infrastructure Rehabilitation)

2) CIP011 - Underground Storage Tank Replacement

The awarded amount is \$0.3 million less than the budget. This action would reallocate \$0.2M to CIP138.

3) CIP031 - Debit/Credit Processing Requirements

In FY2011, \$0.70 million less will be needed for this project than anticipated. WMATA was audited for Payment Card Industry (PCI) Compliance and there were no violations cited. Therefore, no remediation action is required this fiscal year. This action would reallocate \$0.70 million to CIP138.

4) CIP085 - Royal Bus Garage

In this project, the FY2011 expenditure requirement is \$2.7 million less than the

budget. After the design/build of Royal Bus Garage is completed and negotiated, additional funding might be required; however, the requirement would be in the out-year. This action would reallocate \$2.7 million to CIP138.

Once the \$3.7 million highlighted above has been reprogrammed to CIP 138 - System-wide Infrastructure Rehabilitation, it would be used to complete the following work:

- \$1.8M for standpipe work that will be accomplished by June 30, 2011
- \$0.9M for replacement of the Chiller at Mount Vernon
- \$1M for overhaul air conditioning systems at U Street, Navy Yard and Pentagon City.

FUNDING IMPACT:

Reprogramming would move \$3.7 million within the FY2011 CIP Budget, as noted below

FROM

CIP Category	Project ID	Project	FY11 Approved Budget	Proposed Reprogramming	Proposed FY11 Budget
Maintenance Facilities	010	Environmental Compliance	\$0.62M	(\$0.10M)	\$0.52M
	011	Underground Storage Tank	\$2.13M	(\$0.20M)	\$1.93M
	085	Royal Street Bus Garage	\$16.60M	(\$2.70M)	\$13.90M
		SUBTOTAL		(\$3.00M)	
Systems and Technology	031	Debit/Credit Processing Requirements	\$1.91M	(\$0.70M)	\$1.21M
		TOTAL		(\$3.70M)	

TO

CIP Category	Project ID	Project	FY11 Approved Budget	Proposed Reprogramming	Proposed FY11 Budget
Passenger Facilities	138	System-wide Infrastructure Rehabilitation	\$73.00M	\$3.70M	\$76.70M
		TOTAL		\$3.70M	

Program (\$000)	FY2011 CIP			FY2012 CIP	Total
	CIP138	CIP107	CIP110	CIP138	
Project					
Current Budget	\$73.0	\$76.9	\$34.9	\$50.5	\$235.3
Amended Budget	\$76.7	\$76.9	\$34.9	\$50.5	\$239.0
This Action	\$3.7	\$1.2	\$0.9	\$4.4	\$10.2
Prior Approval	\$71.0	\$72.0	\$33.4	\$6.9	\$183.3
Remaining Budget	\$2.0	\$3.7	\$0.6	\$39.2	\$45.5

The \$3.7 million in the proposed reprogramming will go to CIP138 (System-wide Infrastructure Rehabilitation).

Funds will be used as follows:

FY2011:

CIP138 (System-wide Infrastructure Rehabilitation): \$1.8 million for the Standpipe and \$1.9 million for Chiller work (funded with the proposed reprogramming)

CIP107 (Rail Rehab Tier 1: Dupont to Silver Spring): \$1.2 million for Chiller work (funded with existing project budget)

CIP110 (Rail Rehabilitation Tier 1: Nat'l Airport to Stadium Armory): \$0.9 million for Chiller work (funded with existing project budget)

FY2012:

CIP 138 (System-wide Infrastructure Rehab): \$4.4 million for the Standpipe (funded with proposed FY2012 project budget)

In order to rectify all of the standpipe systems, an additional \$4.4M is required and is included in the outyear CIP138. The proposed FY2012 Budget for CIP138 is \$50.5M. Funds in FY2012 and beyond are subject to approval by the Board.

RECOMMENDATION:

Approval to (1) Modify the standpipe contract FN5068 by up to \$6.2M, from \$9M to \$15.2M; (2) Reprogram \$3.7M within the FY2011 Capital Improvement Program; (3) Increase the Job Order Contract (JOCIII) authorization by \$4 million from \$79.1M to \$83.1M.

SUBJECT: APPROVAL TO AMEND FY2011 CAPITAL IMPROVEMENT PROGRAM BUDGET

2011-16
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
WASHINGTON METROPOLITAN AREA TRASIT AUTHORITY

WHEREAS, The FY2011 budget was approved by the Board of Directors on June 24, 2010; and

WHEREAS, The Capital Improvement Program (CIP)-010 provides \$622,621 in FY2011 to perform environmental compliance tasks; and

WHEREAS, The CIP-011 provides \$2,134,848 in FY2011 to replace above ground and below ground storage tanks; and

WHEREAS, The CIP-031 provides \$1,907,035 in FY2011 for Debit/Credit Processing Requirement; and

WHEREAS, The CIP-085 provides \$16,595,332 in FY2011 for the replacement of the Royal Street bus garage; and

WHEREAS, The contracts awarded under these four CIPs are lower than their FY2011 budget; and

WHEREAS, Of the FY2011 funding, \$100,000 in CIP-010, \$200,000 in CIP-011, \$700,000 in CIP-031 and \$2,700,000 in CIP-085 are available to be reprogrammed to CIP-138 to perform the high priority projects as identified; and

WHEREAS, The projects identified under CIP-138 System-Wide Infrastructure Rehabilitation require the funding to be reprogrammed to address critical needs; and

WHEREAS, As required under the Capital Funding Agreement, the Contributing Jurisdictions were notified of this pending reprogramming on February 25, 2011; now, therefore be it

RESOLVED, That the Board of Directors approves the reprogramming on FY2011 CIP budget from CIP-010, CIP-011, CIP-031 and CIP-085 to CIP-138 in the amount of \$3,700,000 to be used for the replacement of the standpipes, replacement of the chiller

Motioned by Mr. Benjamin, seconded by Mr. Downey

Ayes: 7 - Mrs. Hudgins, Mr. Downs, Mr. Downey, Mrs. Hynes, Mr. Wells, Mr. Acosta and Mr. Benjamin

at Mount Vernon and replacement of air conditioning system components at U Street, Navy Yard, and Pentagon City; and be further

RESOLVED, That the General Manager/Chief Executive Officer (GM/CEO) is authorized to modify Contract FN5068 (the Standpipe Contract) to add \$1,800,000 of the reprogrammed \$3,700,000 increasing the FY2011 contract total from \$9,000,000 to \$10,800,000; and be further

RESOLVED, That the GM/CEO is authorized, subject to approval of the FY2012 budget and the availability of funds, to subsequently modify Contract No. FN5068 (the Standpipe Contract) for an additional \$4,400,000 in FY2012 funds increasing the total contract value from \$10,800,000 to \$15,200,000; and be it further

RESOLVED, That the GM/CEO is authorized to modify Contract FO5159 by \$4,000,000 from \$79,100,000 to \$83,100,000 with \$1,900,000 from the reprogrammed \$3,700,000, \$1,200,000 of the approved funds in CIP-107, and \$900,000 of approved funds in CIP-110 to perform the rest of the work as described above, plus the replacement of the air conditioning units at Stadium Armory, Bethesda and Woodley Park-Zoo; and be it further

RESOLVED, that all reprogramming actions herein approved are reflected on Attachment A; and be it finally

RESOLVED, That this Resolution shall be effective immediately.

Reviewed as to form and legal sufficiency,



Carol B. O'Keeffe
General Counsel

Attachment A

FROM

CIP Category	Project ID	Project	FY11 Approved Budget	Proposed Reprogramming	Proposed FY11 Budget
Maintenance Facilities	CIP010	Environmental Compliance	\$0.62M	(\$0.10M)	\$0.52M
	CIP011	Underground Storage Tank	\$2.13M	(\$0.20M)	\$1.93M
	CIP085	Royal Street Bus Garage	\$16.60M	(\$2.70M)	\$13.90M
		SUBTOTAL		(\$3.00M)	
Systems and Technology	CIP031	Debit/Credit Processing Requirements	\$1.91M	(\$0.70M)	\$1.21M
		TOTAL		(\$3.70M)	

TO

CIP Category	Project ID	Project	FY11 Approved Budget	Proposed Reprogramming	Proposed FY11 Budget
Passenger Facilities	CIP138	System-wide Infrastructure Rehabilitation	\$73.00M	\$3.70M	\$76.70M
		TOTAL		\$3.70M	