

**Washington Metropolitan Area Transportation Authority
Board Action/Information Summary**

<input checked="" type="checkbox"/> Action <input type="checkbox"/> Information	MEAD Number: 99890	Resolution: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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PURPOSE

To request Board approval to initiate and award a competitive procurement to furnish the necessary labor and materials to replace vital train control equipment and associated cabling located in the Automatic Train Control Room at Silver Spring Station and to install new equipment in two prefabricated train control rooms; one North and one South of the Silver Spring Station.

DESCRIPTION

The train control room equipment and cabling at Silver Spring station is more than 30 years old. The equipment has become obsolete and spare parts are difficult to find and generally not available. In addition, the equipment and cabling were damaged due to flooding during a severe rainstorm in 2005. The long-term effect of water damage to the associated wayside cabling cannot be easily accessed without major disruption to revenue service, although corrosion is now visible.

The equipment completely fills the room making it impossible to install new equipment racks and cable trays. Renovation within the existing Train Control Room would be difficult without a staging area, impact to revenue operations would be lengthy and given the constrained work hours installation would result in considerable costs.

Installation of two prefabricated rooms one North and one South of Silver Spring Station will accommodate the new train control equipment and replacement of cabling. The necessary equipment racks and cable trays could be installed without impact to revenue operations until final configuration and cutover. The unconstrained work environment would reduce the implementation schedule and significantly reduce costs. Some of the existing equipment within the current train control room could be used as spares in other locations within the system. This new equipment will greatly improve reliability.

FUNDING IMPACT

Program: Proposed FY 2008 Capital Improvement Program				
Project: ATC & Power Systems Rehabilitation				
	FY09	FY10	Total	
Budget:	\$19,178,000	\$10,533,000	\$29,711,000	
This Action:	6,000,000	6,000,000	12,000,000	
Prior Approval:	<u>3,282,974</u>	<u>664,642</u>	<u>3,947,616</u>	
Remaining Budget:	\$ 9,895,026	\$ 3,868,358	\$13,763,384	
Remarks: Budget and funding beyond FY08 are subject to approval by the Board. Operating Impact: None				

RECOMMENDATION

Board approval to initiate and award a competitive procurement to furnish the necessary labor and materials to replace vital train control equipment and associated cabling located in the Automatic Train Control Room at Silver Spring Station and to install new equipment in two prefabricated train control rooms; one North and one South of the Silver Spring Station.