



**BOARD OF DIRECTORS
OCTOBER 27, 2005**

SUBJECT: METRO RAIL SECURITY SYSTEM ENHANCEMENT PROJECT

ACTION: APPROVE INCREASE TO THE LIFE-OF-PROJECT

RECOMMENDATION

Increase the life-of-project (LOP) budget for the Metro Rail Security and Surveillance System project #204046, by \$3,000,000, increasing the life-of-project budget from \$3,000,000 to \$6,000,000 using funds from the existing rail capital program budget.

ISSUE

The Board approved the Metro Rail Security and Surveillance System Project life-of-project budget of \$3,000,000 at the August 25, 2005 Board Meeting. In September, the Board granted the Chief Executive Officer temporary authority, through January 2006, to execute contract awards for system security enhancements previously presented to the full Board in the July and August closed sessions. This LOP increase is consistent with the original estimated budget for the system security enhancements. Staff initially requested the smaller LOP of \$3,000,000 to develop the systems necessary for the project. Now that the actual costs have been developed, staff is requesting the additional \$3,000,000 to complete this project.

DISCUSSION

The Board directed staff at the July 28, 2005 closed-session to accelerate the procurement of rail system security surveillance equipment enhancements and return to the Board for award ratification. To ensure public safety and security, reduce vulnerability, and avert potential damage to Metro property, the Chief Executive Officer authorized staff to accomplish a short-turnaround, single-source, firm fixed-price contracts with AJK Communications, Inc and JM Fiber Optic, Inc to procure security equipment.

Since September 11th, the Federal Transit Administration (FTA) has completed thirty-seven threat and vulnerability assessments of the largest and highest risk transit agencies in the United States. Based on these assessments, the FTA has provided specific feedback to individual agencies, including Metro, on how to improve security systems and reduce potential system vulnerabilities. The pending contract awards will complete the project with the completion of the Rail Operations Control center CCTV Observer video viewing systems

and stations, and the upgrade of the Public Address system for notification and evacuation of stations during an emergency.

Cognizant of the imminent potential for harmful incidents and the necessity to augment the forensic capabilities of law enforcement, staff identified the viewing system for the CCTV observer stations and the public address system to perform this function. This purchased equipment enhances our ability to provide viewing and control of the Pan Tilt Zoom system and retrieval of the recording systems at one central location of any and all events at Metro rail stations for potential adverse conditions that may warrant expeditious action up to the evacuation of passengers at stations. The upgrade of the Public Address system will provide clearly understandable messaging to assist in the evacuation and notification of passengers at stations.

The equipment is now being installed at all Metro rail stations by Wayside staff. Upon completion of the installation of the Rail Operations Control Center CCTV observer stations and Public Address System will conclude the initial requirements set forth for enhancement to the Metro Rail security systems.

FINANCIAL IMPACT

Funding for this action is included in the FY06 budget in project #204029 Rail Facilities Contingency (\$750,000) in cost center #3960, in project #205029 Wayside Systems Contingency (\$1,250,000) in cost center #3960, and in project #205034 Four PGL Traction Power Substations (\$1,000,000) in cost center #3960. The funding for the Four PGL Traction Power Substations is being reduced because two of the traction power substations are being transferred to the Eastside Extension project #800088 reducing the cost of project #205034. This action will increase the life-of-project budget of project #204046 Rail Security System by \$3,000,000 resulting in an increase from \$3,000,000 to \$6,000,000. The project budget and funding plan are included in Attachment "A"

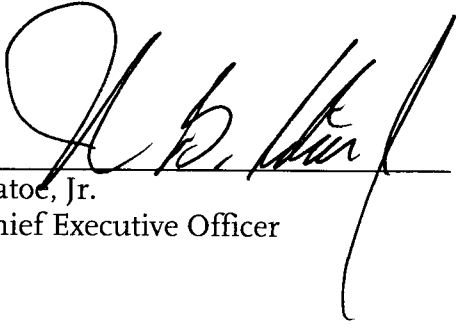
ALTERNATIVES CONSIDERED

An alternative is not to install security surveillance equipment on the existing Metro rail stations. This alternative is not recommended as this equipment is part of Metro's comprehensive safety and security plan to improve its surveillance, monitoring and notification systems.

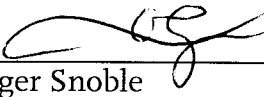
ATTACHMENTS

- A. Rail Security Systems Life-of-Project budget and funding plan.

Prepared by: Robert Chappell, Deputy Executive Officer, Wayside Systems



John B. Catoe, Jr.
Deputy Chief Executive Officer



Roger Snoble
Chief Executive Officer

LIFE OF PROJECT BUDGET AND FUNDING PLAN

CP 204046 Digital Video Recorders & Rail Divisions Equipment						
Expense Category	Board Approved Life of Project	Inception-to- Date Expenditures	Forecast of Cost to Complete	LOP Increase/ (Decrease)	Revised Life of Project	
Project Administration	\$					
Design/Specifications						
Construction/Rehab/Renovation						
Parts/Material						
Contingency						
Land Acquisition						
PROF. SVC						
LABOR	\$850,000	\$232,169	\$850,000			\$850,000
Systems/Equipment	\$2,150,000	\$736,066	\$5,150,000	\$3,000,000		\$5,150,000
Total	\$3,000,000	\$968,235	\$6,000,000	\$3,000,000		\$6,000,000

Funding Plan	
Sources	FY06
Local - STA	\$5,000,000
PC 25%	\$1,000,000
Total	\$ 6,000,000