



## **Approve Use of Uncommitted CIP Funding**



## CIP Funds Identified for Reprogramming

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a. FY05 CIP Closeout	\$38.9	<i>Funds not obligated</i>
b. Budget Committee - Dec 2005		
- Reprogramming Not Approved	12.0	<i>Funding addition to Carmen Turner facility project</i>
- Other Remaining Funds	9.7	<i>Interest and Pre-MetroMatters</i>
c. Construction Litigation	40.3	
	Total	<u><u>\$100.9</u></u> million



## Recommended Use of Funds

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<b>a. FY05 Project Completions</b>	<b>\$15.7</b>	<i>Re-authorize projects for completion</i>
<b>b. Carmen Turner Facility</b>	<b>22.2</b>	<i>Scope approved by Planning &amp; Development Committee on 4/6/06</i>
<b>c. New Projects</b>	<b>30.1</b>	

**Total** \$68.0 million



<b>a. FY05 Project Funding Re-Authorization:</b>	
<b>\$8.1 Bus Procurement</b>	<i>CNG bus modifications under negotiation--\$4.6m, project management and labor account -- \$2M, engineering services --\$1.5M.</i>
<b>3.3 Escalator Rehab and Maintenance</b>	<i>To continue the program -design issues delay contract award.</i>
<b>1.7 Rail Car Rehabilitation</b>	<i>Funding needed for project management, labor account and engineering services.</i>
<b>1.1 Rail Car Enhancement</b>	<i>Contract modifications for AC motor rewind to be issued.</i>
<b>0.5 Fort Totten Police Station</b>	<i>Require for pending contract award.</i>
<b>0.4 Hybrid/Electric Bus Procurement</b>	<i>Funding needed for project management, labor account and engineering services.</i>
<b>0.3 Elevator Rehabilitation</b>	<i>To continue the program -design issues delay contract award.</i>
<b>0.2 Tunnel Leak Mitigation</b>	<i>Require for procurement of equipment to support the project.</i>
<b>0.1 Police Vehicles</b>	<i>Require for two MTPD vehicles.</i>
<b>Total</b>	<b>\$15.7 Million</b>



<b>b. Carmen Turner Facility Build-Out:</b>	
	<b>\$10.2 Original Project Budget</b>
	<b>12.0 Additional Request</b>
<b>subtotal</b>	<b>\$22.2 Million</b>

- **\$12 million increase initially requested as part of December 2005 reprogramming item - Budget Committee Deferred Action**
- **The project was reviewed again by Planning & Development Committee in April 2006 - subject to inclusion in CIP as funding is approved**
- **Current scope: Renovate and build-out of bus body and paint shop and support shops, replace a portion of the roof system, renovate non-revenue vehicle maintenance area, and install two CNG paint booths**



## Capital Improvement Program

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- Current funding for the CTF CNG Bus Paint and Body Shop is \$10.2M. September 2005 bids, including options, were \$23M to \$28M.
- A conceptual design and a budget of \$10M for the Paint and Body Shop was established in September 2003, and CTC was instructed to design to budget.
- Received only two bids. Some of the companies that came to the pre-bid felt that the contract was too large for their firm.
  - ✓ - SCM's bid was \$22.7M
  - ✓ - WM Schlosser's bid was \$27.4M
- Bids were higher due to scope increase for roof replacement of \$2.3M, doubling of the estimated cost of paint booths and overall increase in the cost of construction during the period.
- Inclusion of only two paint booths as a result of revision to the overall bus painting program and changes to finishes are projected to lower cost.



## **Capital Improvement Program**

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### **c. New Projects - Ready to Go:**

	<b>\$8.5</b>	<b>Bus Facilities - APTA Recommendations - Phase 1</b>
	<b>6.3</b>	<b>Rail Car Wash Facilities (W. Falls Church/Alexandria)</b>
	<b>3.0</b>	<b>Repair Greenebelt Lifts</b>
	<b>2.5</b>	<b>Time and Attendance Recording System Replacement</b>
	<b>2.5</b>	<b>FT Totten Police Station (additional funds required)</b>
	<b>2.4</b>	<b>Police Firing Range</b>
	<b>2.0</b>	<b>Bus ITS Investments - Automatic Passenger Counters</b>
	<b>0.9</b>	<b>ITRP Support (Microsoft Standard)</b>
	<b>0.7</b>	<b>Accept Credit Cards in Parking Lots</b>
	<b>0.5</b>	<b>SmarTrip Signage</b>
	<b>0.5</b>	<b>Services to Improve CIP/Budget Process</b>
	<b>0.2</b>	<b>Replace/Rehab Bike Racks</b>
	<b>0.1</b>	<b>Rail Station Outdoor Heaters (Pilot 2 stations)</b>
<b>subtotal</b>	<b>\$30.1</b>	<b>Million</b>



# Capital Improvement Program

RECAP: Recommended Add to FY07 CIP	
Funds Available.....	\$100.9
<b>Requested Use of Funds:</b>	
FY05 Project Completion	15.7
Carmen Turner Facility	22.2
New Projects	30.1
subtotal	68.0
Remaining Balance.....	<b>\$32.9</b>

Future Projects - In Development:	
<i>1st Priority Projects</i>	
\$16.9	Bus Facilities - APTA Recommendations - Phase 2
8.3	Silver Spring Call Center Relocation
5.0	Bus ITS Investments - Onboard System Integration
6.0	Rail Car Wash Facilities (Shady Grove, Greenbelt)
TBD	Escalator Canopy - Phase 1
\$36.2	subtotal
<i>2nd Priority Projects</i>	
\$8.4	Bus Facilities - APTA Recommendations - Phase 3
10.5	Bus ITS Investments - Fleetwatch & Mechanic Kiosks
5.7	Rail Car Wash Facilities (Glenmont, Branch Avenue)
2.8	Track Access Management
5.0	Rail Inspection Vehicle
TBD	Escalator Canopy - Phase 2
\$32.4	subtotal
<b>\$68.6</b>	Current Unfunded Project Total
Federal Shortfall for Metro Matters Rail Cars:	
<b>\$156.0</b>	CIP Assumed \$260 Million Federal Funding <i>Only \$104 Million will be Available</i>





# New Project Details



- **Project: Bus Facilities – APTA Recommendations Phase I**
- **Estimated Cost: \$8.5M**
- **Scope: Renovation of facilities, replacing HVAC systems and aged and worn shop equipment.**
- **Justification: Improve employee work environment and work equipment as recommended by APTA Bus Peer Review.**
- **Project Schedule: To begin in Summer 2006 and complete in Fall 2008.**



- **Project: Rail Car Wash Facilities - West Falls Church/Alexandria Yard**
- **Estimated Cost: \$6.3M**
- **Scope: Modify rail car wash facilities.**
- **Justification: To meet environmental regulations and to accommodate the eight-car trains, and to improve appearance of the rail car fleet.**
- **Project Schedule: To begin in Fall 2006 and complete in Spring 2008.**



- **Project: Repair Greenbelt Lifts**
- **Estimated Cost: \$3.0M**
- **Scope: To repair ten lift sets at the Greenbelt Yard.**
- **Justification: To restore the lifts to full operation needed for performing car inspections and routing maintenance.**
- **Project Schedule: To begin in July and complete by December 2006.**

- **Project: Time and Attendance Recording System replacement**
- **Estimated Cost: \$2.5M**
- **Scope: To replace time and attendance system as part of Information Technology Replacement Program.**
- **Justification: To replace a legacy system provide a standardized time and attendance platform with better management control. Additionally, there are savings of \$1.5M annually to phase out of mainframe.**
- **Project Schedule: Implementation will be divided into three phases, and to begin in FY2007 and complete in FY2008.**

- **Project: Fort Totten Police Station**
- **Estimated Cost: \$2.5M - not a new project but requires additional funds.**
- **Scope: Construction of a new transit police substation to house MTPD administration, detective offices, crime scene and evidence storage.**
- **Justification: The bid amount for construction contract exceeds the current budget by \$2.5M.**
- **Project Schedule: To begin in the summer 2006 and complete in summer of 2007.**

- **Project: Police Firing Range**
- **Estimated Cost: \$2.4M**
- **Scope: To construct a firing range for MTPD.**
- **Justification: To provide a facility for firearms instruction and practice for police recruits and special police officers, and firearms re-qualification for MTPD officers. There will be an operating budget reduction of \$300,000 per year in overtime costs beginning in FY2008. There is also a new, potential revenue source if the range can be marketed to other police and security organizations.**
- **Project Schedule: To begin construction in July and complete by December 2006.**

- **Project: Bus ITS Investments – Automatic Passenger Counters**
- **Estimated Cost: \$2.0M**
- **Scope: Hardware for automatic passenger counters are already installed on 298 existing buses and will be integrated into all future bus procurements. This action is to implement the system needed to collect and analyze the passenger count data.**
- **Justification: Analysis of this level of data will allow for a more market based approach to bus service planning. At a minimum there will be opportunity for improved delivery of bus service and higher customer satisfaction ratings. Ultimately there could be new revenue opportunities uncovered that can not be detected with the current capability for tracking bus ridership.**
- **Project Schedule: System implementation will take twelve months.**



- **Project: ITRP Support (Microsoft Standard)**
- **Estimated Cost: \$0.9M**
- **Scope: To convert Corel's Office to Microsoft Office.**
- **Justification: PeopleSoft is not compatible with Corel's Office, and continued use of Corel will move WMATA further away from the mainstream industry standard, with its licensing fees to be more than doubled in the near future.**
- **Project Schedule: To begin and complete in FY2007.**



- **Project: Accept Credit Cards in Parking Lots**
- **Estimated Cost: \$0.7M**
- **Scope: Install credit card readers and develop software to accept credit cards for payment of parking fees at WMATA parking lots.**
- **Justification: Improve customer's convenience.**
- **Project Schedule: To begin and complete in FY2007.**



- **Project: SmartTrip Parking Signage**
- **Estimated Cost: \$0.5M**
- **Scope: To install customer information signage in all stations and parking facilities that have parking that requires SmarTrip fare media.**
- **Justification: Insufficient parking signs are one of the top three complaints from customers using WMATA parking facilities.**
- **Project Schedule: To begin procurement in FY2007 and complete installation FY 2008**



- **Project: Services to Improve CIP/Budget Process**
- **Estimated Cost: \$0.5M**
- **Scope: Improve capital project management processes, budget controls, monitoring and reporting; review organizational staffing levels and spending on support services; develop managed competitions, outsourcing and joint services opportunities; review financial forecasting processes.**
- **Justification: Work will improve transparency of financial and capital project management; support strategic and program objectives, establish prioritizations and performance measures.**
- **Project Schedule: To begin in July and complete in November 2006.**



- **Project: Replace/Rehab Bike Racks**
- **Estimated Cost: \$0.2M**
- **Scope: Replace up to 800 bike racks at the rail stations.**
- **Justification: Replace damaged and missing bike racks for customer's convenience. The new racks have twice the capacity of the existing ones.**
- **Project Schedule: To begin and complete in FY2007.**



- **Project: Rail Station Outdoor Heaters (Pilot 2-Stations)**
- **Estimated Cost: \$0.1M**
- **Scope: Install heaters at two at-grade rail stations.**
- **Justification: Pilot program.**
- **Project Schedule: To begin and complete in FY2007.**



# Appendix

**FY05 Metro Matters IRP  
as of April 19,2006**

<u>Project</u>	<u>Original Budget</u>	<u>Under Contract</u>	<u>Scrub/Rollover</u>	
<b>Rolling Stock : Bus</b>	<b>\$43,182,000</b>	<b>\$20,908,121</b>	<b>\$22,273,879</b>	
Carmen Turner Facility	9,600,000	282,156	9,317,844	Awaiting additional funding approval
Bus Replacement	32,582,000	20,010,526	12,571,474	\$8 million...Modifications under negotiation
Hybrid/Diesel Bus Procurement	1,000,000	615,440	384,560	Unexpended labor cost
<b>Rolling Stock: Rail</b>	<b>5,430,000</b>	<b>2,621,512</b>	<b>2,808,488</b>	
Rail Car Enhancements	1,100,000	0	1,100,000	Modifications have not been finalized
Rail Car Rehab	4,330,000	2,621,512	1,708,488	Project behind schedule
<b>Passenger Facilities</b>	<b>68,308,511</b>	<b>60,686,646</b>	<b>7,621,864</b>	
Station and Tunnel Rehab	5,620,059	5,569,894	50,165	Favorable bid
Fire System Rehab	2,571,078	2,564,105	6,973	Annual activities completed under budget
Station Chiller Rehab	5,554,361	2,623,031	2,931,331	Favorable bid
Drainage Pump/Sewer Rehab	3,139,247	3,139,247	(0)	
Escalator Rehab	11,701,000	11,591,403	109,597	Design issues delay contract award
Escalator Maintenance	17,594,000	14,344,842	3,249,158	Design issues delay contract award
Elevator Rehab	3,175,000	2,846,644	328,356	Design issues delay contract award
Parking Lot Rehab	13,017,859	12,071,574	946,286	Favorable bid
Station Enhancement	5,935,906	5,935,906	0	
<b>Maintenance Facilities</b>	<b>35,170,030</b>	<b>33,113,017</b>	<b>2,057,012</b>	
Non Revenue Vehicles	2,527,634	2,527,632	2	
Support Equipment - ITSV	1,599,931	1,580,402	19,530	Contracts not awarded
Support Equipment - Shop	1,752,000	1,586,228	165,772	Contracts not awarded
Bus Support Equipment	995,032	995,032	0	
Rail Support Equipment - Legacy	150,000	150,000	0	
Rail Support Equipment	3,273,014	3,273,014	0	
Rail Support Equipment - Shop	1,246,405	1,246,405	0	
MPTD Police Station	500,000	0	500,000	Awaiting additional funding approval
Environmental Assessment	350,722	349,553	1,168	Annual activities completed under budget
Emergency Construction	3,185,648	3,092,847	92,801	Work performed under different contract
Rail Structures, Field Bases, Yards	6,133,901	6,032,747	101,154	Annual activities completed under budget
Rail Work Equip Rehab	1,464,653	1,464,652	1	
Locomotives and Prime Movers	1,799,935	1,799,935	0	
Repairables	5,300,000	4,123,415	1,176,585	Annual activities completed under budget
<b>Systems</b>	<b>76,590,129</b>	<b>73,069,278</b>	<b>3,520,851</b>	
Train Communications Upgrade	20,539,133	19,236,838	1,302,295	Favorable bid
Midlife Rehab ATC	13,937,112	12,963,375	973,737	Favorable bid
Midlife Rehab AC/TPSS/TPS	2,770,000	2,137,201	632,799	Favorable bid and reduced requirement
Traction Power Switchgear	27,695,467	27,670,478	24,989	Favorable bid
AC Power Control System	232,314	231,089	1,225	Favorable bid
UPS System Replacement	2,235,942	2,194,857	41,085	Favorable bid
Electrical Systems Rehab	5,109,159	4,734,007	375,153	Contract cancelled
Fare Collection Equipment	4,071,000	3,901,432	169,568	Unexpended labor costs
<b>Track and Structures</b>	<b>20,248,331</b>	<b>20,052,816</b>	<b>195,515</b>	
ROW Structural Rehab	10,232,331	10,232,327	5	
ROW Floating Slab	511,773	511,773	0	
ROW Track Rehab	7,240,227	7,240,227	0	
Station and Tunnel Leak Mitigation	2,264,000	2,068,490	195,510	Work done under different contract
<b>Information Technology</b>	<b>4,658,000</b>	<b>4,242,370</b>	<b>415,630</b>	
Information Technology	4,658,000	4,242,370	415,630	Annual activities completed under budget
<b>Program Management and Support</b>	<b>9,839,000</b>	<b>9,833,604</b>	<b>5,396</b>	
Program Administration	9,839,000	9,833,604	5,396	Under budget
<b>Preventive Maintenance</b>	<b>20,700,000</b>	<b>20,700,000</b>	<b>0</b>	
Preventive Maintenance	20,700,000	20,700,000	0	
<b>Financing Expenses</b>	<b>6,000,000</b>	<b>6,000,000</b>	<b>0</b>	
Vertical Transportation Financing Expenses	6,000,000	6,000,000	0	
<b>Total FY05 IRP Metro Matters</b>	<b>\$290,126,000</b>	<b>\$251,227,365</b>	<b>\$38,898,635</b>	



**FY05 Metro Matters IRP  
as of April 19,2006**

<u>Project</u>	<u>Original Budget</u>	<u>Under Contract</u>	<u>Scrub/Rollover</u>	
Rail Car Program	<b>39,180,000</b>	<b>26,736,084</b>	<b>12,443,916</b>	
Vehicles	27,910,000	23,959,587	3,950,413	<i>Behind schedule</i>
Facilities Maintenance	370,000	0	370,000	
Traction Power	10,360,000	2,776,497	7,583,503	<i>Award behind schedule</i>
Precision Stopping	540,000	0	540,000	<i>Behind schedule</i>
Bus Program	<b>7,000,000</b>	<b>0</b>	<b>7,000,000</b>	
Additional Bus Garage - Virginia	3,200,000	0	3,200,000	<i>Project scope being finalized</i>
Customer Facilities	3,800,000	0	3,800,000	<i>Project scope being finalized</i>
System Expansion Planning	<b>3,000,000</b>	<b>1,532,608</b>	<b>1,467,392</b>	
Bus Enhancement	0	0	0	
Project Development	3,000,000	1,532,608	1,467,392	
Metro Matters Credit Facility	<b>2,000,000</b>	<b>648,663</b>	<b>1,351,337</b>	
Commercial Paper/Letter of Credit	2,000,000	648,663	1,351,337	<i>Unexpended fees</i>
Security Program	<b>9,450,000</b>	<b>0</b>	<b>9,450,000</b>	<i>Funds not appropriated</i>
Back-Up OCC	2,300,000	0	2,300,000	
Other Security Initiatives	7,150,000	0	7,150,000	
	<b>350,756,000</b>	<b>280,144,719</b>	<b>70,611,281</b>	