

ITEM 10 - Information
November 17, 2004

Approval of Amendments to the FY 2004- 2009 Transportation Improvement Program (TIP) and the Draft FY 2005-2010 TIP that are Exempt from the Air Quality Conformity Requirement to Fund Metrorail and Metrobus Rehabilitation and Maintenance Projects, Rail and Bus Fleet Expansion and Associated Facilities Upgrades, and A Security Program

Staff

Recommendation: Adopt Resolution R6-2005 to amend the FY 2004-2009 TIP and the draft FY 2005-2010 TIP as requested by the Washington Metropolitan Area Transit Authority (WMATA).

Issues: None

Background: WMATA has requested an amendment the FY 2004-2009 TIP and the draft FY 2005-2010 TIP to include recently committed funding to support WMATA's rehabilitation and maintenance needs; rail capacity growth to accommodate demand by minor fleet expansion and associated facilities upgrades; bus fleet capacity growth by minor fleet expansion, garage facilities and customer facilities; and a security program including a backup operations control center.

TPB R 6-2005
November 17, 2004

**METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS
NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD
777 North Capitol Street, N.E.
Washington, D.C. 20002**

**RESOLUTION ON AMENDMENTS TO THE 2004-2009 TRANSPORTATION
IMPROVEMENT PROGRAM (TIP) AND DRAFT FY 2005-2010 TIP THAT ARE
EXEMPT FROM THE AIR QUALITY CONFORMITY REQUIREMENT TO FUND
METRORAIL AND METROBUS REHABILITATION AND MAINTENANCE
PROJECTS, RAIL AND BUS FLEET EXPANSION AND ASSOCIATED FACILITIES
UPGRADES, AND A SECURITY PROGRAM**

WHEREAS, the National Capital Region Transportation Planning Board (TPB), which is the metropolitan planning organization (MPO) for the Washington Region, has the responsibility under the provisions of the Transportation Equity Act for the 21st Century (TEA-21) for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the Metropolitan Area; and

WHEREAS, on December 17, 2003 the TPB adopted the 2003 Constrained Long-Range Transportation Plan (CLRP) and the FY 2004-2009 Transportation Improvement Program (TIP); and

WHEREAS, in the attached letter of November 9, 2004, the Washington Metropolitan Area Transit Authority (WMATA) has requested an amendment the FY 2004-2009 TIP and the draft FY 2005-2010 TIP to include recently committed funding to support WMATA's rehabilitation and maintenance needs; rail capacity growth to accommodate demand by minor fleet expansion and associated facilities upgrades; and bus fleet capacity growth by minor fleet expansion, garage facilities and customer facilities, and a security program including a backup operations control center, as described in the attached materials; and

WHEREAS, these infrastructure renewal, maintenance and support facilities, and minor fleet expansions are exempt from the air quality conformity requirement, as defined in Environmental Protection Agency (EPA) regulations "40 CFR Parts 51 and 93 Transportation Conformity Rule Amendments: Flexibility and Streamlining; Final Rule," issued in the August 15, 1997 *Federal Register*;

NOW, THEREFORE, BE IT RESOLVED THAT the National Capital Region Transportation Planning Board amends the FY 2004-2009 TIP and the draft FY 2005-2010 TIP to include recently committed funding to support WMATA's rehabilitation and maintenance needs; rail capacity growth to accommodate demand by minor fleet expansion and associated facilities upgrades; and bus fleet capacity growth by minor fleet

expansion, garage facilities and customer facilities, and a security program including a backup operations control center, as described in the attached materials.



November 9, 2004

The Honorable Christopher Zimmerman
Chairman
National Capital Region Transportation Planning Board
Metropolitan Washington Council of Governments
777 North Capitol Street, NE, Suite 300
Washington, DC 20002-4239

Dear Chairman Zimmerman:

The Washington Metropolitan Area Transit Authority (WMATA) requests an amendment to the adopted FY 2004-2009 Transportation Improvement Program (TIP) and to the Draft FY 2005-2010 TIP to include the Metro Matters program approved by the WMATA Board on October 21, 2004. The resolution adopted by the WMATA Board is attached to this letter. The general elements of the Metro Matters program are:

- (1) **Metro Matters Infrastructure Renewal Program (IRP):** Includes rehabilitation and maintenance of existing infrastructure, including maintenance of rolling stock, passenger facilities, maintenance facilities, right of way, information technology systems, management and support and preventive maintenance. The Metro Matters IRP includes previously programmed funds in the WMATA CIP as well as \$525 million added as part of the Metro Matters program. The six-year cost of this program is \$1,735.4 million, an addition of \$854.6 million to the adopted FY 2004 – 2009 TIP or \$326.5 million to the Draft FY 2005-2010 TIP.
- (2) **Metro Matters Rail Car Program:** Includes purchase of 120 rail cars for fleet expansion and related maintenance facilities and systems required to support 8-car trains. The six-year cost of this program is \$598.7 million or an addition of \$597.2 million to the adopted FY 2004 – 2009 TIP or \$597.2 to the Draft FY 2005-2010 TIP.
- (3) **Metro Matters Bus Program:** Includes purchase of up to 185 buses for fleet expansion, a replacement garage facility and customer facilities (i.e. bus stop improvements, real-time bus information and transit signal priority). The six-year cost of this new program is \$171.5 million.
- (4) **Metro Matters Security Program:** Includes a backup Operations Control Center and other security initiatives, all assumed to be federally funded. The six-year cost of this new program is \$143.5 million.
- (5) **Metro Matters System Expansion Program:** Includes planning funds for project development. The six-year cost of this program is \$3 million or a decrease of \$15 million from the adopted FY 2004 – 2009 TIP or \$9 million from the Draft FY 2005-2010 TIP.

**Washington
Metropolitan Area
Transit Authority**

600 Fifth Street, NW
Washington, DC 20001
202/962-1234

By Metrorail:
Judiciary Square—Red Line
Gallery Place-Chinatown—
Red, Green and
Yellow Lines
By Metrobus:
Routes D1, D3, D6, P6,
70, 71, 80, X2

*A District of Columbia,
Maryland and Virginia
Transit Partnership*

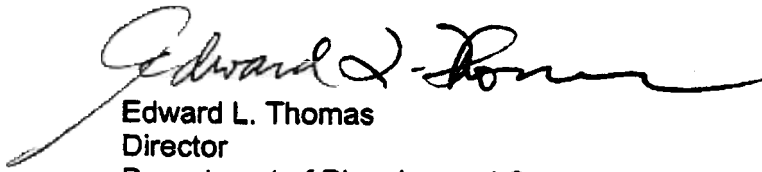
The Honorable Christopher Zimmerman
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- (6) **Metro Matters Credit Facility:** Includes funds to set up a line of credit for future borrowing for Metro Matters funding. The six-year cost of this new program is \$12 million.

Inclusion of this amendment in the FY 2004-2009 TIP or the FY 2005-2010 TIP will not impact conformity as it is for infrastructure renewal, maintenance and support facilities and minor fleet expansions (13% of bus and rail fleets). WMATA requests that this amendment to both the adopted FY 2004 –2009 and the draft FY 2005 – 2010 TIPs be approved by the TPB at its meeting on November 17, 2004.

If you have any questions, please do not hesitate to contact Lora Byala at 202-962-1749. We appreciate your consideration of this request.

Sincerely,



Edward L. Thomas
Director
Department of Planning and Strategic Programs

enclosure

**SUBJECT: APPROVAL OF AMENDED FISCAL 2005 – 2010 CAPITAL
IMPROVEMENT PROGRAM FOR METRO MATTERS**

**2004-53
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
WASHINGTON METROPOLITAN AREA TRANSPORTATION AUTHORITY**

WHEREAS, On June 17, 2004 the Board of Directors approved the Fiscal 2005 Capital Improvement Program (CIP) totaling \$314,066,000 as follows: 1) the Infrastructure Renewal Program (IRP) totaling \$290,126,000; the System/Access Capacity Program (SAP) totaling \$4,600,000; and 3) the System Expansion Program (SEP) totaling \$19,340,000; and

WHEREAS, The Fiscal 2006 – 2010 CIP totaling \$1,576,007,000, which includes the IRP totaling \$1,556,507,000, the SAP totaling \$5,000,000 and the SEP totaling \$14,500,000, was approved for planning purposes; and

WHEREAS, The Board of Directors established the Metro Matters Program for Fiscal 2005 – 2010 totaling \$3.3 billion, including \$1,846,633,000 for the IRP and \$1.5 billion for four urgent priorities including:

- 1st Urgent Priority-IRP \$524.9 million-for deferred rehabilitation
- 2nd Urgent Priority-Rail Car Program-\$600.6 million-purchase 120 new rail cars and three shop expansions and system improvements required for 8-car train service
- 3rd Urgent Priority-Bus Program-\$171.5 million-purchase up to 185 new buses, new maintenance facility, customer services and intelligent transportation systems
- 4th Urgent Priority-Security Program-\$143.5 million-back-up operations control center and communication; and

WHEREAS, A Metro Matters Funding Agreement has been executed by all parties for the period of Fiscal 2005 – 2010, and includes project costs and costs of debt financing; and

WHEREAS, The Metro Matters Funding Agreement includes funding for the IRP, Rail Car Program, and Bus Program, with funding for the Security Program to be accomplished when sufficient federal funding becomes available; and

WHEREAS, The Metro Matters Funding Agreement is based on an expenditure schedule for all Metro Matters elements, except for Fiscal 2005 IRP projects, which will continue to be funded based on an obligation schedule; and

WHEREAS, The Metro Matters Funding Agreement shall begin on the Effective Date and shall terminate on the later of (1) the expiration of the funding commitments of the Contributing Jurisdictions under this Agreement, including commitments to provide funds for the payment of debt service on WMATA debt issued to fund the Metro Matters Program, provided, however, that in no event shall the term of any debt service issuance

Motioned by Mrs. Mack, seconded by Mr. Zimmerman

Ayes: 6 - Mr. Smith, Mr. Kauffman, Mrs. Mack, Mr. Zimmerman, Mr. Deegan, Mr. Graham

extend beyond 2034; or (2) the completion of the projects and activities in the Metro Matters Program and the payment of all costs thereof, provided, however that, except as permitted for the payment of debt service, such completion and payment shall not extend beyond WMATA fiscal 2024; now therefore be it

RESOLVED, That the Board of Directors hereby amends the Fiscal 2005 CIP to include the projects and funding identified in the Metro Matters Funding Agreement as follows: 1) the IRP Program element totaling \$290,126,000; the Rail Car Program element totaling \$39,200,000; the Bus Program element totaling \$7,000,000; the Security Program element totaling \$9,500,000; the System Expansion Program element totaling \$3,000,000; the Credit Facility Program element totaling \$2,000,000; and 2) the SAP totaling \$3,600,000; and 3) the SEP totaling \$17,340,000 all of which are further defined in the Attachment; and be it further

RESOLVED, That the Board of Directors approves the Fiscal 2006 – 2010 CIP to include the projects and funding identified in the Metro Matters Funding Agreement as follows: 1) the IRP Program element totaling \$1,591,500,000; the Rail Car Program element totaling \$559,500,000; the Bus Program element totaling \$164,500,000; the Security Program element totaling \$134,000,000; the Credit Facility Program element totaling \$10,000,000; and 2) the SAP totaling \$5,000,000; and 3) the SEP totaling \$14,500,000 all of which are further defined in the Attachment; and be it further

RESOLVED, That Fiscal 2006 – 2010 IRP projects are budgeted on an expenditure basis; however, IRP Program element funds not expended by June 30th of each fiscal year will be separately identified to the Board and utilized within the program, in accordance with the requirements established in the Metro Matters Funding Agreement; and be it further

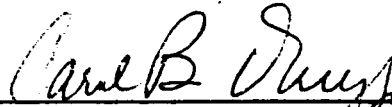
RESOLVED, That in order to implement the elements of the CIP, the General Manager and Chief Executive Officer or the Chief of Staff has authorization to 1) conduct public hearings; 2) file and execute grant applications on behalf of the authority for funds from the Federal government and any other public or private entity consistent with the CIP; and be it further

RESOLVED, That the Chief Financial Officer is authorized to issue debt instruments, subject to Board approval of the final papers, in order to finance the projects identified in the Metro Matters Funding Agreement; and be it further

RESOLVED, The IRP Program element of Metro Matters is the same program as the CIP referenced in the TIFIA Loan Guarantee Agreement and related documentation; and be it finally

RESOLVED, That this Resolution will be effective immediately.

Reviewed as to form and legal sufficiency.



Carol B. O'Keeffe
Acting General Counsel

Attachment: Metro Matters Program Elements Obligations FY 2005 - 2010

Infrastructure Renewal Program

(In millions \$)

	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total	FY 2011+	Total
Rolling Stock: Bus									
Bladensburg Maintenance Facility: Heavy Equipment	\$ 9.500	-	-	-	-	-	\$ 9.500		
Bus Replacement	32.782	-	30.000	62.361	69.693	72.620	267.656		
Hybrid/Diesel Bus Procurement	1.000	52.765	34.778	23.251	-	-	111.794		
Subtotal	\$ 43.282	\$ 52.765	\$ 64.778	\$ 85.612	\$ 69.693	\$ 72.620	\$ 368.950		
Rolling Stock: Rail									
Rail Car Enhancements	1.100	-	-	3.306	1.100	25.224	30.732		
Rail Car Rehabilitation	4.330	0.814	-	-	-	6.000	13.144		
Subtotal	\$ 5.430	\$ 0.814	\$ -	\$ 3.306	\$ 1.100	\$ 33.224	\$ 43.874		
Passenger Facilities									
Mechanical Systems Rehabilitation	16.175	13.232	13.242	10.215	9.818	29.824	92.506		
Parking Lot Rehabilitation	12.620	10.728	7.020	8.000	1.547	12.354	52.267		
Station Enhancement Program	5.916	6.093	6.291	6.291	6.291	4.190	35.072		
Vertical Transportation Rehabilitation	32.478	29.489	30.394	13.956	16.363	21.991	144.639		
Subtotal	\$ 67.187	\$ 59.540	\$ 56.917	\$ 38.462	\$ 34.019	\$ 68.359	\$ 324.484		
Maintenance Facilities									
Bus and Rail Support Equipment	16.161	9.362	6.598	21.535	5.800	35.521	94.997		
Rail Work Equipment and Locomotives	3.362	3.081	2.000	6.496	6.000	6.197	27.156		
Repairables	5.300	5.450	5.600	5.750	5.794	5.968	33.862		
Structures, Field Bases, Yards, and Shops	9.664	4.881	9.160	10.206	6.624	20.835	63.372		
Subtotal	\$ 34.527	\$ 22.774	\$ 23.358	\$ 43.987	\$ 28.218	\$ 68.521	\$ 219.367		
Systems									
ATC and Power Systems Rehabilitation	62.719	33.694	53.383	31.106	24.664	63.850	269.428		
Fare Collection Equipment	4.071	-	-	-	-	5.524	9.595		
UPS and Electrical Systems Rehabilitation	7.994	7.842	4.784	6.500	3.000	13.181	43,301		
Subtotal	\$ 74.784	\$ 41.536	\$ 58.177	\$ 37.606	\$ 27.664	\$ 82.555	\$ 322,324		
Track and Structures									
Right-of-Way Track and Structures Rehabilitation	17.155	12.145	15.045	16.996	23.763	35.418	120.512		
Station and Tunnel Leak Mitigation	2.284	2.332	2.402	5.474	8.548	7.025	26,645		
Subtotal	\$ 19,439	\$ 14,477	\$ 17,447	\$ 22,470	\$ 32,311	\$ 42,443	\$ 147,157		
Information Technology									
Information Technology	4.656	3.446	6.000	6.693	6.000	8.148	35.147		
Subtotal	\$ 4,656	\$ 3,446	\$ 6,000	\$ 6,693	\$ 6,000	\$ 8,148	\$ 35,147		

Attachment: Metro Matters Program Elements Obligations FY 2005 - 2010

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>Total</u>	<u>FY 2011+</u>	<u>Total</u>
Program Management and Support									
Consultants and Engineering Services (IAWP)	4.500	3.000	5.000	5.000	9.842	31.709	59.051		
Program Administration	9.639	7.431	8.053	9.412	9.117	25.061	68.713		
Subtotal	\$ 14.139	\$ 10.431	\$ 13.053	\$ 14.412	\$ 18.959	\$ 56.770	\$		
Preventive Maintenance									
Preventive Maintenance	20.700	20.700	20.700	20.700	20.700	20.857	124.357		
Subtotal	\$ 20.700	\$ 20.700	\$ 20.700	\$ 20.700	\$ 20.700	\$ 20.857	\$ 124.357		
Subtotal: IRP Projects	\$ 284.126	\$ 226.485	\$ 260.430	\$ 273.454	\$ 236.854	\$ 454.097	\$ 1,735.446		
Financing Expenses									
TIFIA Financing Expenses	-	106.825	133.200	161.600	196.375	-	600.000		
Vertical Transportation Financing Expenses	6.000	6.000	6.000	6.000	6.000	6.000	36.000		
Subtotal	\$ 6.000	\$ 112.825	\$ 139.200	\$ 167.600	\$ 204.375	\$ 6.000	\$ 636.000		
Total Obligations	\$ 290.126	\$ 339.310	\$ 399.630	\$ 441.054	\$ 441.229	\$ 460.097	\$ 2,371.446		
Total Expenditures	\$ 290.1	\$ 213.7	\$ 282.3	\$ 403.6	\$ 433.2	\$ 258.9	\$ 1,981.8	\$ 498.9	\$ 2,371.5
Rail Car Program									
	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>Total</u>	<u>FY 2011+</u>	
Vehicles									
120 Rail Cars	\$ 27.90	\$ 55.40	\$ 101.20	\$ 30.90	\$ 8.50	\$ 3.40	\$ 227.30		
Facilities	0.40	59.10	59.80	10.30	-	-	129.60		
Systems	10.90	104.70	101.00	25.40	-	-	242.00		
Total Obligations	\$ 429.2	\$ 99.3	\$ 81.2	\$ -	\$ -	\$ -	\$ 600.6		
Total Expenditures	\$ 39.2	\$ 219.2	\$ 262.0	\$ 66.6	\$ 8.5	\$ 3.4	\$ 598.7	\$ 1.9	\$ 600.6
Bus Program									
	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>Total</u>	<u>FY 2011+</u>	
Vehicles									
185 Buses	\$ -	\$ 11.90	\$ 12.30	\$ 15.10	\$ 20.70	\$ 34.60	\$ 94.60		
Garage Facility	\$ 3.20	\$ 8.90	\$ 20.60	\$ 16.20	\$ -	\$ -	\$ 48.90		
Customer Facilities	\$ 3.60	\$ 5.80	\$ 6.00	\$ 6.10	\$ 6.30	\$ -	\$ 28.00		
Total Obligations	\$ 22.3	\$ 26.2	\$ 64.1	\$ 29.3	\$ 29.6	\$ -	\$ 171.5		
Total Expenditures	\$ 7.0	\$ 26.6	\$ 36.9	\$ 37.4	\$ 27.0	\$ 34.6	\$ 171.5		

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Attachment: Metro Matters Program Elements Obligations FY 2005 - 2010

Security Program 1/		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total	FY 2011+	Total
Back-Up Operations Control Center		\$ 2.30	\$ 17.60	\$ 22.70	\$ 17.90	\$ 2.00	\$ -	\$ 62.50		
Other Security Initiatives		\$ 7.20	\$ 20.90	\$ 22.90	\$ 16.90	\$ 6.30	\$ 4.90	\$ 81.10		
Total Obligations		\$ 46.5	\$ 74.0	\$ 23.0	\$ -	\$ -	\$ -	\$ 143.5		
Total Expenditures		\$ 9.5	\$ 38.5	\$ 45.6	\$ 34.8	\$ 10.3	\$ 4.9	\$ 143.5		\$ 143.5
System Expansion		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total	FY 2011+	
Planning		\$ 3.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.00		
Total Obligations		\$ 3.0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.0		
Total Expenditures		\$ 3.0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.0		\$ 3.0
CT Credit Facility		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total	FY 2011+	
Credit Facility		\$ 2.00	\$ 2.000	\$ 2.000	\$ 2.000	\$ 2.000	\$ 2.000	\$ 12.00		
Total Obligations		\$ 2.0	\$ 2.0	\$ 2.0	\$ 2.0	\$ 2.0	\$ 2.0	\$ 12.0		
Total Expenditures		\$ 2.0	\$ 2.0	\$ 2.0	\$ 2.0	\$ 2.0	\$ 2.0	\$ 12.0		\$ 12.0
GRAND TOTAL OBLIGATIONS		\$ 784.1	\$ 540.8	\$ 569.9	\$ 472.4	\$ 472.8	\$ -	\$ 3,302.1		
GRAND TOTAL EXPENDITURES		\$ 350.8	\$ 500.0	\$ 626.6	\$ 544.1	\$ 491.3	\$ -	\$ 2,810.3	\$ 491.8	\$ 3,302.1

1/ Security Program is assumed to be 100% federally funded.

Metro Matters Financial Plan (1)

(\$, millions)

WMATA Fiscal Year (ending June 30,)	Program Year																				20-Year Total	5-Year Total	FY 2011-2024							
	2006	2008	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024										
USES																														
CASH DISBURSEMENTS FOR PROJECTS																														
IRP	290.1	213.7	292.2	400.4	430.2	398.9	200.9	136.4	82.9	32.3	21.2	17.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,371.5	1,861.8	488.6	
SAP - RAIL	38.2	210.2	292.9	86.5	8.5	3.4	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	608.8	998.7	1.9	
SAP - BUS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	171.5	171.5	-	
SEP - PLANNING	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CREDIT FACILITY and CP PROGRAM FEES	2.0	2.0	2.0	2.0	2.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.0	3.0	-	
SUBTOTAL CASH EXPENDITURES	341.3	461.5	585.1	509.3	470.7	298.9	202.8	135.4	82.9	32.3	21.2	17.3	-	-	-	-	-	-	-	-	-	-	-	-	-	3,198.8	2,868.8	481.8		
CASH DISBURSEMENTS FOR DEBT SERVICE																														
SUBTOTAL DEBT SERVICE		12.2	26.3	38.9	46.8	232.8	48.8	48.8	48.8	48.8	48.8	47.3	48.7	38.1	27.8	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	12.5	898.5	383.1	898.4	
TOTAL USES OF FUNDS	341.3	473.7	611.3	548.2	516.5	538.9	252.4	184.2	131.8	81.1	70.0	64.5	48.7	38.1	27.8	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	12.5	4,017.1	3,018.9	987.1		
SOURCES																														
BASE CASH SOURCES																														
FEDERAL FORMULA GRANT FUNDS	198.4	173.3	183.9	198.1	210.2	227.3	84.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FEDERAL DISCRETIONARY GRANT FUNDS	-	-	86.9	86.0	86.0	86.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,203.1	1,148.8	84.3	
STATE AND LOCAL FUNDS	182.5	132.0	141.7	104.8	178.7	188.9	188.9	184.2	131.8	81.1	70.0	64.5	48.7	38.1	27.8	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	12.5	380.0	380.0	-		
MISC INTERNAL CIP FUNDING SOURCES	31.2	13.7	19.7	6.0	6.0	6.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,888.4	917.8	842.8	
SUBTOTAL BASE CASH SOURCES	291.1	319.0	489.9	438.8	488.8	488.3	252.4	184.2	131.8	81.1	70.0	64.5	48.7	38.1	27.8	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	12.5	3,488.2	2,488.1	987.1		
DEBT AND RELATED CAPITAL SOURCES																														
SUBTOTAL DEBT SOURCES	48.2	194.8	291.4	116.4	86.8	34.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	618.9	618.9	-	
TOTAL SOURCES	339.3	513.8	781.3	555.2	575.6	523.1	252.4	184.2	131.8	81.1	70.0	64.5	48.7	38.1	27.8	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	12.5	4,017.1	3,018.9	987.1		
FUNDING BY JURISDICTION																														
DISTRICT OF COLUMBIA	37.8	48.4	51.9	80.4	86.4	72.5	72.5	67.5	48.3	28.7	28.8	23.6	16.7	12.8	10.1	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
MONTGOMERY COUNTY	17.2	22.5	24.1	28.1	30.4	33.7	33.7	31.4	22.8	13.8	11.8	11.8	7.8	6.8	4.7	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.1	318.8	186.1	180.7	
PRINCE GEORGE'S COUNTY	19.7	24.8	28.7	31.0	33.7	37.3	37.3	34.7	24.8	15.3	13.2	12.2	8.8	8.8	6.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	2.2	358.8	173.2	177.6	
MARYLAND SUBTOTAL	36.9	47.4	54.8	59.1	64.1	71.9	71.9	68.1	47.3	28.1	25.1	23.2	16.4	12.8	9.9	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	4.5	687.8	328.3	338.3	
ALEXANDRIA	4.8	5.9	6.3	7.3	7.9	8.8	8.8	8.2	5.8	3.6	3.1	2.9	2.0	1.8	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	82.5	40.7	41.8	
ARLINGTON	8.7	11.5	12.3	14.3	15.5	17.2	17.2	16.8	11.5	7.1	6.1	5.9	4.0	3.9	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.1	161.5	79.6	81.9		
CITY OF FAIRFAX	8.2	8.3	8.3	8.3	8.3	8.4	8.4	8.4	8.3	8.2	8.1	8.1	8.1	8.1	8.1	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	0.9	3.8	1.8	1.8	
FAIRFAX COUNTY	14.3	16.3	18.7	22.9	24.8	27.5	27.5	25.8	18.3	11.3	9.7	8.8	6.3	4.9	3.8	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	1.7	258.5	127.5	131.8		
FALLS CHURCH	8.2	8.4	8.4	8.5	8.5	8.6	8.6	8.6	8.4	8.2	8.2	8.2	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	0.8	8.2	2.8	2.8	
VIRGINIA SUBTOTAL	27.9	38.3	38.0	46.3	48.1	54.5	54.5	50.8	38.2	22.3	19.2	17.7	12.8	9.8	7.8	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	3.4	511.3	282.1	288.2	
TOTAL	182.5	132.9	141.7	184.8	178.7	188.9	188.9	184.2	131.8	81.1	70.0	64.5	48.7	38.1	27.8	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	12.5	1,888.4	917.8	842.8		
OUTSTANDING METRO MATTERS DEBT	48.9	200.8	388.1	487.8	635.6	385.7	338.9	387.2	278.9	242.9	288.1	172.9	137.3	110.4	88.3	71.8	52.8	32.8	22.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	

Footnotes:

- (1) Does not include Security Program, the implementation of which is dependent upon full Federal funding of the Security Program
- (2) Shaded FY 2008 figures are shown for display purposes only and are not subject to the Metro Matters Funding Agreement.
- (3) FY 2008 IRP is presented on an obligation basis. Expenditures resulting from FY 2008 IRP obligations are not included in FY 2008 and beyond.
- (4) Does not include reimbursable projects such as Dulles or the Largo Extension. The FY2008 SEP Planning is composed of \$1M in the SAP for bus enhancements and \$2M in the SEP for planning
- (5) Credit facility fees assume a two tier credit facility and commercial paper program totaling \$309 million through FY 2016.
- (6) Commercial paper program assumes 3% interest cost, bus system debt assumes 10-year term and all-in interest rate of 5.25%. Bus system debt is assumed for all SAP bus procurements and expenditures for IRP buses in FY 2008 and FY 2009. Rail system debt assumes 18-year term and all-in interest rate of 6%.
- (7) Federal formula funds are projected to grow at 2.75% after FY 2010.
- (8) Up to \$280 million in additional federal grants assumed to be generated from reauthorization. Amounts from reauthorization below \$280 million could be offset through the use of grant anticipation debt.
- (9) For the long-term display case, state and local funding is projected to grow at 1.8% per year.
- (10) Miscellaneous Internal CIP Funding Sources includes capitalized fare revenue and interest earned on WMATA cash accounts
- (11) Summary total, see Attachment 4c for a detailed total
- (12) Allocation for FY 2008 IRP is per approved FY 2008 budget. A single allocation formula is applied to balance of the program, and is weighted average of total obligations of FY 2008 to FY 2010 IRP and entire bus and rail programs.
- (13) Debt figures include year-end outstanding principal for short-term (e.g. commercial paper) and long-term debt (e.g. certificates of participation) issued for the Metro Matters program in FY 2008 and after. Debt issued prior to FY 2008 is excluded.

Attachment : System Access/Capacity Program FY 2005-2010 Projects Obligations

(in millions \$)

Major Jurisdiction / Sponsor / Project	Approved FY04 & Prior	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total FY 2005-10	Total Project
Virginia									
City of Alexandria									
• Huntington Parking Facility	19.200								19.200
• King Street Station Improvements	16.600								16.600
Subtotal	\$ 35.800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Arlington County									
• Arlington Capital Projects Program Administration	0.450	0.150						0.150	0.600
• Ballston Station Improvements	14.450	0.550						0.550	15.000
• Clarendon Station Improvements	1.000							-	1.000
• Crystal City Canopy	0.300							-	0.300
• Rosslyn Station Improvements	0.350							-	0.350
• Shirlington Bus Terminal	1.600							-	1.800
Subtotal	\$ 18.350	\$ 0.700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.700	\$ -
Fairfax County									
• Vienna Parking Facility	\$ 27.100							\$ -	\$ 27.100
Fair Oaks League									
• Fair Lakes Shuttle Buses	\$ 0.857							\$ -	\$ 0.857
VA Department of Rail & Public Transportation									
• Dulles Corridor Buses	3.054							-	3.054
• Franconia/Springfield Parking Facility	16.609							-	16.609
• Pentagon Bus Terminals	0.291							-	0.291
• Virginia Bus Facility Expansion	0.900							-	0.900
• Virginia Bus Stop Boxes	0.120							-	0.120
• Virginia Bus Waiting Area	1.562							-	1.562
• Virginia Parking Lot Signage	1.000							-	1.000
• West Falls Church Bus Bay	1.000							-	1.000
• West Falls Church Parking Facility	17.367							-	17.367
Subtotal	\$ 41.903	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal: Virginia	\$ 124.010	\$ 0.700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.700	\$ 124.710
Total SAP Obligations	\$ 472.408	\$ 3.600	\$ 1.000	\$ 1.000	\$ 1.000	\$ 1.000	\$ -	\$ -	\$ -

(a) Precision Stopping for ATC funding includes \$3.0 million appropriated prior to Metro Matters.

(b) Built by others.

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Attachment: System Expansion Program FY 2005-2010 Projects Obligations

(in millions \$)

Major Jurisdiction / Sponsor / - Project	Approved FY04 & Prior	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total FY 2005-10	Total Project
All WMATA Jurisdictions									
All WMATA Jurisdictions									
• Project Development	\$	\$ -	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 10,000	\$ 23,300
Subtotal		\$ -	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 10,000	\$ 23,300
District of Columbia									
District of Columbia Government									
• Anacostia Corridor Demonstration Project	8.270								8.270
• Vehicle Procurement	8.900								8.900
• Anacostia LRT Line	7.200								7.200
• New York Avenue Metrorail Station	103.700								103.700
Subtotal	\$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Maryland									
Maryland Mass Transit Authority (MD-MTA)									
• Largo Extension and Parking	447.100	9.300						9.300	456.400
• Purple Line DEIS	10.600								10.600
Subtotal	\$	\$ 9,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,300	\$ -
Virginia									
Arlington Co. Project Development (Pentagon City)		0,040						0,040	0,040
VA Dept. of Rail & Public Transportation									
• Dulles PE/NEPA	52.250	8,000	4,500					12,500	64,750
Subtotal	\$	\$ 8,040	\$ 4,500	\$ -	\$ -	\$ -	\$ -	\$ 12,540	\$ -
Total SEP Obligations	\$	\$ 17,340	\$ 6,500	\$ 2,000	\$ 2,000	\$ 2,000	\$ -	\$ -	\$ 683,160

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**DRAFT AMENDMENTS TO THE FY 2004-2009 TIP
AND UPDATES TO THE PROPOSED FY 2005-2010 TIP
CAPITAL COSTS (in \$1,000)**

	FY 03	Carry Over	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	Source Fed/St/Loc	Source Total	Environ. Review
Washington Metropolitan Area Transit Authority											
1 Facility: 120 Rail Cars			39,200 c	219,200 c	260,000 c	66,600 c	8,500 c	3,400 c		596,900	
From:									/ /		
To:											
Jurisdiction: Maryland, Virginia, District of Columbia									Total:	\$596,900	
Description:											
2 Facility: 185 buses				11,900 c	12,300 c	15,100 c	20,700 c	34,600 c		94,600	
From:									/ /		
To:											
Jurisdiction: Maryland, Virginia, District of Columbia									Total:	\$94,600	
Description: This project funds the procurement of up to 185 buses.											
3 Facility: Back-up OCC and Other Security			9,500 c	38,500 c	45,600 c	34,800 c	10,300 c	4,900 c		143,600	
From:									100 / /		
To:											
Jurisdiction: Maryland, Virginia, District of Columbia									Total:	\$143,600	
Description: This project funds a back-up Operations control Center and Other Security Initiatives.											
4 Facility: Bus Garage			3,200 a	8,900 c	20,600 c	16,200 c				48,900	NEPA Under preparation
From:									/ /		
To:											
Jurisdiction: Virginia									Total:	\$48,900	
Description: This project funds a new bus garage in Virginia.											
5 Facility: Customer Facilities			3,800 c	5,800 c	6,000 c	6,100 c	6,300 c			28,000	
From:									/ /		
To:											
Jurisdiction: Maryland, Virginia, district of Columbia									Total:	\$28,000	
Description: This project funds improvements to bus stops, and funds transit centers with ITS.											
6 Facility: Facilities			400 c	59,100 c	59,800 c	10,300 c				129,600	
From:									/ /		
To:											
Jurisdiction: Maryland, Virginia, district of Columbia									Total:	\$129,600	
Description: This project funds the construction of increased capacity at three S&I shps, Brentwood, Greenbelt and Shady Grove to accommodate the 120 additional rail cars.											
7 Facility: IRP-Rail/Bus Structures, Field Bases, Yards	11,507 c		9,964 c	4,881 c	9,160 c	10,208 c	8,624 c	20,835 c	Section 5307	63,672	
From:									80 / / 20		
To:											
Jurisdiction: Region-wide,									Total:	\$63,672	
Description: Provides funds for rail/bus structures, field bases, yards and shops.											

**DRAFT AMENDMENTS TO THE FY 2004-2009 TIP
AND UPDATES TO THE PROPOSED FY 2005-2010 TIP
CAPITAL COSTS (in \$1,000)**

		FY 03	Carry Over	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	Source Fed/St/Loc	Source Total	Environ. Review	
8	Facility: IRP-Track and Structures Rehabilitation From: To: Jurisdiction: Region-wide,	14,363 c		17,155 c	12,145 c	15,045 c	16,996 c	23,753 c	35,418 c	Section 5307 80 / / 20	120,512	N/A	
											<i>Total:</i>	\$120,512	
Description:	Provides funds for track and structures rehabilitation throughout the Metrorail system.												
9	Facility: Metro Matters-Credit Facility From: To: Jurisdiction: Maryland, Virginia, District of Columbia											N/A	
Description:	This project funds a credit facility for Metro Matters.												
10	Facility: Metro Matters-IRP-ATC and Systems Replac From: To: Jurisdiction: Region-wide,	31,527 c		62,719 c	33,694 c	53,393 c	31,108 c	24,664 c	63,850 c	Section 5307 80 / / 20	269,428	N/A	
											<i>Total:</i>	\$269,428	
Description:	Provides funds for train communications upgrade, public address systems replacement, rehabilitation of ATC equipment, rehabilitation of A/C, TPSS and TPS equipment, traction power switchgear rehabilitation and A/C power control system rehabilitation.												
11	Facility: Metro Matters-IRP-Bladensburg Heavy Equip From: To: Jurisdiction: District of Columbia	500 a		9,500 c						Section 5307 80 / / 20	9,500		
											<i>Total:</i>	\$9,500	
Description:	This project funds construction to accommodate a heavy maintenance area for CNG buses at the Bladensburg Garage.												
12	Facility: Metro Matters-IRP-Bus/Rail Support Equipme From: To: Jurisdiction:	10,049 c		16,181 c	9,362 c	6,598 c	21,535 c	5,800 c	35,521 c	Section 5307 80 / / 20	94,997	N/A	
											<i>Total:</i>	\$94,997	
Description:	Provides funds for non-revenue vehicles, computer equipment, shop equipment and various other equipment needed for bus and rail operations.												
13	Facility: Metro Matters-IRP-Emergency Rail Rehabilita From: To: Jurisdiction: Region-wide,											N/A	
Description:	Provides funds for emergency rail rehabilitation projects on the Rohr and Breda cars to improve reliability.												
14	Facility: Metro Matters-IRP-Fare Collection Equipment From: To: Jurisdiction: Region-wide,	1,200 c		4,071 c					5,524 c	Section 5307 80 / / 20	9,595	N/A	
											<i>Total:</i>	\$9,595	
Description:	Provides for the upgrade/replacement of fare collection equipment.												

**DRAFT AMENDMENTS TO THE FY 2004-2009 TIP
AND UPDATES TO THE PROPOSED FY 2005-2010 TIP
CAPITAL COSTS (in \$1,000)**

		FY 03	Carry Over	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	Source Fed/St/Loc	Source Total	Environ. Review	
15 Facility:	Metro Matters-IRP-Information Technology	9,300 c		4,658 c	3,448 c	6,000 c	6,893 c	6,000 c	8,148 c	Section 5307 80/ / 20	35,147	N/A	
From:													
To:													
Jurisdiction:	Region-wide,												
Description:											Total:	\$35,147	
16 Facility:	Metro Matters-IRP-Mechanical Systems Reh	15,064 c		16,175 c	13,232 c	13,242 c	10,215 c	9,818 c	29,824 c	Section 5309 80/ / 20	92,506	N/A	
From:													
To:													
Jurisdiction:	Region-wide												
Description:											Total:	\$92,506	
17 Facility:	Metro Matters-IRP-Parking Lot Rehabilitation	11,309 c		12,620 c	10,726 c	7,020 c	8,000 c	1,547 c	12,354 c	Section 5307 80/ / 20	52,267	N/A	
From:													
To:													
Jurisdiction:	Region-wide,												
Description:											Total:	\$52,267	
18 Facility:	Metro Matters-IRP-Preventive Maintenance	20,700 c		20,700 c	20,700 c	20,700 c	20,700 c	20,700 c	20,700 c	Section 3037 80/ / 20	20,700	N/A	
From:													
To:													
Jurisdiction:	Region-wide,												
Description:											Total:	\$124,200	
19 Facility:	Metro Matters-IRP-Program Management an	19,750 a		14,139 a	10,431 a	13,053 a	14,412 a	18,959 a	56,770 a	Section 5307 80/ / 20	127,764	N/A	
From:													
To:													
Jurisdiction:	Region-wide,												
Description:											Total:	\$127,764	
20 Facility:	Metro Matters-IRP-Rail Car Enhancements	1,000 c		1,100 c			3,308 c	1,100 b	25,224 c	Section 5309 80/ / 20	30,732	N/A	
From:													
To:													
Jurisdiction:	Region-wide,												
Description:											Total:	\$30,732	
21 Facility:	Metro Matters-IRP-Rail Car Rehabilitation	10,540 c		4,330 c	814 c					Section 5309 80/ 0/ 20	5,144	N/A	
From:													
To:													
Jurisdiction:	Region-wide,												
Description:											Total:	\$5,144	

**DRAFT AMENDMENTS TO THE FY 2004-2009 TIP
AND UPDATES TO THE PROPOSED FY 2005-2010 TIP
CAPITAL COSTS (in \$1,000)**

		FY 03	Carry Over	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	Source Fed/St/Loc	Source Total	Environ. Review
22	Facility: Metro Matters-IRP-Rail Work Equipment From: To: Jurisdiction: Region-wide,	1,920 c		3,382 c	3,081 c	2,000 c	6,496 c	6,000 c	6,197 c	Section 5307 80 / / 20	27,156	N/A
Description: Provides funds for the procurment of work equipment and locomotives.												
23	Facility: Metro Matters-IRP-Repairable Parts From: To: Jurisdiction: Region-wide,	5,150 c		5,300 c	5,450 c	5,600 c	5,750 c	5,794 c	5,968 c	Local / / 100	33,862	N/A
Description: Provides funds for the procurement of repairable parts.												
24	Facility: Metro Matters-IRP-Rolling Stock Bus From: To: Jurisdiction: Region-wide,	31,800 c		33,782 c	52,765 c	64,778 c	85,612 c	69,893 c	72,620 c	Section 5307 80 / 20 /	379,450	
Description: Provides funds for bus replacement on an annual basis to maintain a 15 year life, an average age of 7.5 years in accordance with the Fleet Plan. Establishes a hybrid/diesel bus program.												
25	Facility: Metro Matters-IRP-Station and Tunnel Leak From: To: Jurisdiction: Region-wide	2,198 c		2,264 c	2,332 c	2,402 c	5,474 c	8,548 c	7,625 c	Section 3037 80 / / 20 Section 5307 80 / / 20	8,548 20,097	N/A
Description: Provides funds to work in stations on tunnel leaks.												
26	Facility: Metro Matters-IRP-Station Enhancement Pro From: To: Jurisdiction: Region-wide,	5,737 c		5,916 c	6,093 c	6,291 c	6,291 c	6,291 c	4,190 c	Section 5307 80 / / 20	35,072	N/A
Description: Provides funds for station enhancement program.												
27	Facility: Metro Matters-IRP-UPS/Electrical Systems R From: To: Jurisdiction: Region-wide,	11,137 c		7,994 c	7,842 c	4,784 c	6,500 c	3,000 c	13,181 c	Section 5307 80 / / 20	43,301	N/A
Description: Provides funds for the rehabilitation of uninterruptible power supply and electrical systems.												
28	Facility: Metro Matters-IRP-Vertical Transportation Re From: To: Jurisdiction: Region-wide,	37,387 c		32,476 c	29,489 c	30,364 c	13,956 c	16,363 c	21,991 c	Section 5309 80 / / 20	144,639	N/A
Description: Provides funds for escalator and elevator rehabilitation/maintenance.												

**DRAFT AMENDMENTS TO THE FY 2004-2009 TIP
AND UPDATES TO THE PROPOSED FY 2005-2010 TIP
CAPITAL COSTS (in \$1,000)**

	FY 03	Carry Over	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	Source Fed/St/Loc	Source Total	Environ. Review
29 Facility: Planning From: To: Jurisdiction: Maryland, Virginia, District of Columbia			3,000 a						/ /	3,000	
Description: This project funds design and studies related to system expansion											
30 Facility: Systems From: To: Jurisdiction: Maryland, Virginia, district of columbia			10,900 a	104,700 c	101,000 c	25,400 c			/ /	242,000	
Description: This project funds the design and upgrade of traction power and precision stopping upgrades to allow for 8 car train consists on approximately 1/3 of the rail cars.											
									<i>Total:</i>	<i>\$3,000</i>	
									<i>Total:</i>	<i>\$242,000</i>	