

TPB R13-2009  
February 18, 2009

**NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD  
777 North Capitol Street, N.E.  
Washington, D.C. 20002**

**RESOLUTION APPROVING AN AMENDMENT TO  
THE FY 2009-2014 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) THAT IS  
EXEMPT FROM THE AIR QUALITY CONFORMITY REQUIREMENT TO ADD FUNDING  
FROM THE AMERICAN RECOVERY AND REINVESTMENT ACT FOR TRANSIT  
PROJECTS, AS REQUESTED BY THE WASHINGTON METROPOLITAN AREA  
TRANSIT AUTHORITY (WMATA)**

**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 Safe, Accountable, Flexible, and Efficient Transportation Equity Act - A Legacy for Users (SAFETEA-LU) of 2005 for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the Metropolitan Area; and

**WHEREAS**, the TIP is required by FHWA and FTA as a basis and condition for all federal funding assistance to state, local and regional agencies for transportation improvements within the Washington planning area; and

**WHEREAS**, on November 19, 2008 the TPB adopted amendments to the FY 2009-2014 TIP which was adopted on July 16, 2008; and

**WHEREAS**, in the attached letter of February 18, 2009, WMATA has requested an amendment to the FY 2009-2014 TIP to add \$230 million in 100 percent federal funding from the American Recovery and Reinvestment Act for 26 transit capital projects, as described in the attached materials; and

**WHEREAS**, these projects 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 May 6, 2005, *Federal Register*;

**NOW, THEREFORE, BE IT RESOLVED THAT** the NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD amends the FY 2009-2014 TIP to add \$230 million in 100 percent federal funding from the American Recovery and Reinvestment Act for 26 transit capital projects, as described in the attached materials .

**Adopted by the Transportation Planning Board at its regular meeting on February 18, 2009.**



February 18, 2009

The Honorable Charles Jenkins  
Chairman, National Capital Region  
Transportation Planning Board  
Metropolitan Washington Council of Governments  
777 North Capitol Street, N.E.; Suite 300  
Washington, DC 20002-4201

RE: FY2009-2014 TIP Amendments for Stimulus Projects

Dear Chairman Jenkins:

The Washington Metropolitan Area Transit Authority (WMATA) requests an amendment to the FY 2009-2014 Transportation Improvement Program (TIP). The purpose of this amendment is to add projects that will be 100% federally funded through the American Recovery and Reinvestment Act.

On February 12, 2009 the WMATA Board reviewed a prioritized list of projects totaling \$325 million. Based on recent information from Federal Transit Administration, WMATA is putting forward a subset of these projects that would be eligible for federal formula grants. The attached list summarizes \$230 Million in projects to be added to the TIP.

WMATA's economic recovery projects are focused on stimulating the local and national economy by creating jobs and building a stronger regional transit system. All of the projects are linked to Metro's strategic goals of delivering quality service, improving reliability, using resources wisely and ensuring safety. These projects do not affect the currently approved air quality conformity analysis as these projects are either exempt or not regionally significant for air quality conformity purposes.

WMATA requests that the TPB approve this amendment at its February 18, 2009 meeting. Thank you for your consideration of, and action on, this request.

Sincerely,

**Nat Bottigheimer**  
Assistant General Manager  
Department of Planning and Joint Development

Attachment

**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

**Washington Metropolitan Area Transit Authority**  
**Prioritized Capital Projects for Economic Stimulus Package**  
*Based on WMATA's Strategic Goals, Obligation Requirements, Policy Assessment*

2/18/2009

Asset Category	January 2008 Estimated Cost	Prioritized Projects Presented to WMATA Board 2/12/09	Specific Projects for TIP Amendment	Project Cost
<b>VEHICLES &amp; VEHICLE PARTS</b>	\$121	\$62	Replacement of Oldest Buses	\$24.0
			MetroAccess Fleet Expansion and Replacement	\$8.8
			Service Vehicle Replacement	\$6.0
			Bus Replacement Components	\$2.8
<b>MAINTENANCE FACILITIES</b>	\$177	\$116	Railcar Inspection and Test Facility	\$48.0
			Bus Body and Paint Shop	\$30.0
			Bus Garage Restroom Rehabilitation	\$7.6
<b>PASSENGER FACILITIES</b>	\$162	\$47	Energy Efficient Station Lighting	\$24.2
			Replacement of Crumbling Platforms	\$16.0
			Updated Platform Real-Time Signs	\$2.5
			Metro Center Sales Office Replacement	\$1.0
<b>SAFETY &amp; SECURITY</b>	\$4	\$11	Bus Garage Security	\$3.0
			Communications Equipment for Operations Control Center	\$3.0
			Emergency Tunnel Evacuation Carts	\$2.0
			Underground Communications Radios	\$1.0
			Station Alarm / Chemical Sensors	\$4.0
<b>MAINTENANCE &amp; REPAIR EQUIPMENT</b>	\$43	\$35	Track Maintenance Equipment	\$13.5
			Track Welding Program to Repair Defects	\$3.9
			Track Pad/Shock Absorber Rehab	\$1.0
<b>OPERATIONS SYSTEMS</b>	\$11	\$37	Rhode Island to Judiciary Square Rehab	\$12.0
			SmarTrip Upgrade for Machine	\$3.5
			Bus Real-Time, Route and Schedule Systems	\$3.0
			Bus Engine Fluid Alert System	\$1.5
			Kiosk & Train Control Computers	\$0.8
<b>INFORMATION TECHNOLOGY</b>	\$12	\$18	Sensitive Data Protection Technology	\$4.9
			Document Management System	\$2.0
<b>Total (Millions):</b>	<b>\$530</b>	<b>\$325</b>		<b>\$230</b>

# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## BASIC PROJECT INFORMATION

1. Submitting Agency: Washington Metropolitan Area Transit Authority
2. Project Name (from CLRP Project): Stimulus: Maintenance Facilities
3. Phase Name: Railcar Inspection and Test Facility

	Prefix	Route	Name	Modifier
4. Facility:				
5. From (x at):			Greenbelt Yard	
6. To:				

7. Description:

Construction of a facility in the Greenbelt Yard for the commissioning of new, repaired and rehabilitated rail cars.

8. Agency Phase ID: ST01
9. Projected Completion Year: FY2011
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$48,000		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## BASIC PROJECT INFORMATION

1. Submitting Agency: Washington Metropolitan Area Transit Authority
2. Project Name (from CLRP Project): Stimulus: Maintenance Facilities
3. Phase Name: Bus Body and Paint Shop

	Prefix	Route	Name	Modifier
4. Facility:			Carmen Turner Facility	
5. From (_ at):				
6. To:				

7. Description:

Build out of remaining Bus II area at the Carmen Turner Facility for repair of service vehicles and major bus body and paint work for the 1500- vehicle bus fleet.

8. Agency Phase ID: ST04
9. Projected Completion Year: FY2011
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$30,000		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: Washington Metropolitan Area Transit Authority
2. Project Name (from CLRP Project): Stimulus: Passenger Facilities
3. Phase Name: Energy Efficient Station Lighting

	Prefix	Route	Name	Modifier
4. Facility:				
5. From (x at):			Various locations	
6. To:				

7. Description:

Upgrade/replace lighting in all underground rail stations to lower electricity usage and improve light quality.

8. Agency Phase ID: ST06
9. Projected Completion Year: ongoing
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$24,200		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: Washington Metropolitan Area Transit Authority
2. Project Name (from CLRP Project): Stimulus: Vehicles & Vehicle Parts
3. Phase Name: Replacement of Oldest Buses

	Prefix	Route	Name	Modifier
4. Facility:				
5. From (x at):			Agency-wide	
6. To:				

7. Description:

Purchase of 41-foot Hybrid Electric buses to replace buses that have reached the end of their useful life.

8. Agency Phase ID: ST02
9. Projected Completion Year: FY2010
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$24,000		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## BASIC PROJECT INFORMATION

1. Submitting Agency: Washington Metropolitan Area Transit Authority
2. Project Name (from CLRP Project): Stimulus: Passenger Facilities
3. Phase Name: Replacement of Crumbling Platforms

	Prefix	Route	Name	Modifier
4. Facility:				
5. From (x at):			Various locations	
6. To:				

7. Description:

Replacement at concrete platform at stations on the Orange and Red Lines

8. Agency Phase ID: ST08
9. Projected Completion Year: FY2011
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$16,000		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: Washington Metropolitan Area Transit Authority
2. Project Name (from CLRP Project): Stimulus: Operations Systems
3. Phase Name: Rhode Island Avenue to Judiciary Square Rehabilitation

	Prefix	Route	Name	Modifier
4. Facility:				
5. From ( _ at):		Red	Rhode Island Avenue	
6. To:		Red	Judiciary Square	

7. Description:

Equipment and facility rehabilitation of the oldest section of the rail system.

8. Agency Phase ID: ST09
9. Projected Completion Year: FY2011
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$12,000		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: Washington Metropolitan Area Transit Authority
2. Project Name (from CLRP Project): Stimulus: Vehicles & Vehicle Parts
3. Phase Name: MetroAccess Fleet Expansion and Replacement

	Prefix	Route	Name	Modifier
4. Facility:				
5. From (x at):			Agency-wide	
6. To:				

7. Description:

Expansion of MetroAccess fleet to maintain current level-of-service and meet growing demand.

8. Agency Phase ID: ST10
9. Projected Completion Year: FY2010

10. Project Status:

- New Project
- In previous TIP, proceeding as scheduled
- In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$8,775		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: Washington Metropolitan Area Transit Authority
2. Project Name (from CLRP Project): Stimulus: Maintenance Facilities
3. Phase Name: Bus Garage Restroom Rehabilitation

	Prefix	Route	Name	Modifier
4. Facility:				
5. From (x at):			Various locations	
6. To:				

7. Description:

Bus garage restroom rehabilitation.

8. Agency Phase ID: ST11
9. Projected Completion Year: FY2011
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$7,600		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: Washington Metropolitan Area Transit Authority
2. Project Name (from CLRP Project): Stimulus: Maintenance & Repair Equipment
3. Phase Name: Track Maintenance Equipment - Heavy-Duty Maintenance Equipment Trains

	Prefix	Route	Name	Modifier
4. Facility:				
5. From (x at):			Various locations	
6. To:				

7. Description:

Replace and purchase new prime movers that are used to move railcars, flatcars and work equipment.

8. Agency Phase ID: ST12
9. Projected Completion Year: FY2010
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$7,500		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: Washington Metropolitan Area Transit Authority
2. Project Name (from CLRP Project): Stimulus: Vehicles & Vehicle Replacements
3. Phase Name: Service Vehicle Replacements

	Prefix	Route	Name	Modifier
4. Facility:				
5. From (x at):			Various locations	
6. To:				

7. Description:

Replacement of maintenance vehicles for all departments that are beyond their retirement age due to funding shortfalls in the replacement program. Vehicles to be replaced include specialized maintenance vehicles such as welding trucks and tow trucks.

8. Agency Phase ID: ST14
9. Projected Completion Year: ongoing
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$6,000		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## BASIC PROJECT INFORMATION

1. Submitting Agency: Washington Metropolitan Area Transit Authority
2. Project Name (from CLRP Project): Stimulus: Information Technology
3. Phase Name: Sensitive Data Protection Technology

	Prefix	Route	Name	Modifier
4. Facility:				
5. From (x at):			Agency-wide	
6. To:				

7. Description:

Enterprise information technology infrastructure to improve confidentiality, integrity and accountability for Metro's sensitive data.

8. Agency Phase ID: ST16
9. Projected Completion Year: FY2011
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$4,900		Economic Stimulus (Formula)	100%		

(use the Tab button in the bottom right cell to create more lines in the table)

# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: Washington Metropolitan Area Transit Authority
2. Project Name (from CLRP Project): Stimulus: Maintenance & Repair Equipment
3. Phase Name: Track Maintenance Equipment - 60-Ton Crane for Track Work

	Prefix	Route	Name	Modifier
4. Facility:				
5. From (x at):			Various locations	
6. To:				

7. Description:

Purchase of 60-ton crane that would enable WMATA to strategically place material at work sites, radically reducing work time on track and aerial structures.

8. Agency Phase ID: ST17
9. Projected Completion Year: FY2010
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$4,000		Economic Stimulus (Formula)	100%		

(use the Tab button in the bottom right cell to create more lines in the table)

# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: Washington Metropolitan Area Transit Authority
2. Project Name (from CLRP Project): Stimulus: Maintenance & Repair Equipment
3. Phase Name: Track Welding Program to Repair Defects

	Prefix	Route	Name	Modifier
4. Facility:				
5. From (x at):			Various locations	
6. To:				

7. Description:

Welding program that will reduce the number of open rail joints throughout the system, improve the electrical conductivity of the rail, eliminate joint defects, reduce noise and wear, reduce maintenance and inspection costs, and eliminate tie fires.

8. Agency Phase ID: ST18
9. Projected Completion Year: ongoing
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$3,900		Economic Stimulus (Formula)	100%		

(use the Tab button in the bottom right cell to create more lines in the table)



# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: Washington Metropolitan Area Transit Authority
2. Project Name (from CLRP Project): Stimulus: Operations Systems
3. Phase Name: SmarTrip Upgrade Kit for Machines

	Prefix	Route	Name	Modifier
4. Facility:				
5. From (x at):			Various locations	
6. To:				

7. Description:

Upgrade standard farecard machines to enable Smartrip add values and enable Credit, Debit, and Smartbenefits.

8. Agency Phase ID: ST19
9. Projected Completion Year: FY2010
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$3,500		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



**BASIC PROJECT INFORMATION**

1. Submitting Agency: Washington Metropolitan Area Transit Authority
2. Project Name (from CLRP Project): Stimulus: Operations Systems
3. Phase Name: Bus Real-Time, Route and Schedule Systems

	Prefix	Route	Name	Modifier
4. Facility:				
5. From (x at):			Agency-wide	
6. To:				

7. Description:

Enhancements to the Trapeze enterprise scheduling system to support bus route optimization and operational change.

8. Agency Phase ID: ST21
9. Projected Completion Year: FY2010
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$3,000		Economic Stimulus (Formula)	100%		

(use the Tab button in the bottom right cell to create more lines in the table)

# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: WMATA
2. Project Name (from CLRP Project): Stimulus: Safety and Security
3. Phase Name: Bus Garage Security

	Prefix	Route	Name	Modifier
4. Facility:			3 bus garages	
5. From (_ at):				
6. To:				

7. Description:

Security for 3 bus garages. Enhancing the security at WMATA bus garage facilities will reduce the risk of intruders tampering with the bus fleet and the potential theft of a vehicle.

8. Agency Phase ID: ST23
9. Projected Completion Year: FY2011
10. Project Status:

- New Project
- In previous TIP, proceeding as scheduled
- In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$3,000		Economic Stimulus (Formula)	100%		

(use the Tab button in the bottom right cell to create more lines in the table)

# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: WMATA
2. Project Name (from CLRP Project): Stimulus: Safety and Security
3. Phase Name: Communications Equipment for Operations Control Center

	Prefix	Route	Name	Modifier
4. Facility:			Operations Control Center	
5. From (X at):			Carmen Turner Facility	
6. To:				

7. Description:

This project will provide the necessary communication equipment for the Operations Control Center at Carmen Turner Facility and also allow all communications and computer equipment within the OCC to have Uninterrupted Power Supply (UPS) Electricity.

8. Agency Phase ID: ST24
9. Projected Completion Year: FY2010
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$3,000		Economic Stimulus (Formula)	100%		

(use the Tab button in the bottom right cell to create more lines in the table)

# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: WMATA
2. Project Name (from CLRP Project): Stimulus: Vehicles and Vehicle Parts
3. Phase Name: Bus Replacement Components

	Prefix	Route	Name	Modifier
4. Facility:			System-wide	
5. From ( _ at):				
6. To:				

7. Description:

These cover bus components that can no longer be repaired and must be replaced. This includes, but is not limited to, alternators, transmissions, engines, coolers, driver's seats, farebox assemblies, radiator assemblies, cylinder heads, door and fan motors, destination, signs, etc.

8. Agency Phase ID: ST26
9. Projected Completion Year: FY2010
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$2,800		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: WMATA
2. Project Name (from CLRP Project): Stimulus: Passenger Facilities
3. Phase Name: Updated Platform Real-Time Signs

	Prefix	Route	Name	Modifier
4. Facility:			Various rail stations	
5. From ( _ at):				
6. To:				

7. Description:

The red and yellow signs in stations that inform riders of incidents and train arrivals are at the end of their useful life. The software needs to be upgraded to support The Metro Channel.

8. Agency Phase ID: ST28
9. Projected Completion Year: FY2010

10. Project Status:

- New Project
- In previous TIP, proceeding as scheduled
- In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$2,500		Economic Stimulus (Formula)	100%		

(use the Tab button in the bottom right cell to create more lines in the table)

# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: WMATA
2. Project Name (from CLRP Project): Stimulus: Safety and Security
3. Phase Name: Emergency Tunnel Evacuation Carts

	Prefix	Route	Name	Modifier
4. Facility:			Various rail stations	
5. From ( _ at):				
6. To:				

7. Description:

Emergency tunnel evacuation carts, standard-door storage cabinets for station platform, roll-up door storage cabinets for portals and installation of all storage cabinets. The ETEC carts/cabinets are to be mounted on ends of the station platforms for easy access by Fire/Rescue personnel responding to a Metrorail emergency.

8. Agency Phase ID: ST30
9. Projected Completion Year: FY2010
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$2,000		Economic Stimulus (Formula)	100%		

(use the Tab button in the bottom right cell to create more lines in the table)

# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



**BASIC PROJECT INFORMATION**

1. Submitting Agency: WMATA
2. Project Name (from CLRP Project): Stimulus: Maintenance and Repair Equipment
3. Phase Name: Track Maintenance Equipment - Power Tool Equipment Replacement

	Prefix	Route	Name	Modifier
4. Facility:			Throughout rail system	
5. From ( _ at):				
6. To:				

7. Description:

Replace existing power tool equipment. This includes saws, drills, generators, Manlifts, Tow behind and Stack body Trucks.

8. Agency Phase ID: ST31
9. Projected Completion Year: FY2010

10. Project Status:

- New Project
- In previous TIP, proceeding as scheduled
- In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$2,000		Economic Stimulus (Formula)	100%		

(use the Tab button in the bottom right cell to create more lines in the table)



# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: WMATA
2. Project Name (from CLRP Project): Stimulus: Information Technology
3. Phase Name: Document Management System

	Prefix	Route	Name	Modifier
4. Facility:			System-wide	
5. From (_ at):				
6. To:				

7. Description:

Enterprise deployment of Metro's existing document management system.

8. Agency Phase ID: ST32
9. Projected Completion Year: FY2010

10. Project Status:

- New Project
- In previous TIP, proceeding as scheduled
- In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$2,000		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: WMATA
2. Project Name (from CLRP Project): Stimulus: Operations Systems
3. Phase Name: Bus Engine Fluid Alert System

	Prefix	Route	Name	Modifier
4. Facility:			Various bus divisions	
5. From ( _ at):				
6. To:				

7. Description:

Fleetwatch is an on-board system for Bus fluid management. It is already partially deployed at Metro. This funding would allow Metro to enable all remaining divisions.

8. Agency Phase ID: ST34
9. Projected Completion Year: FY2010
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$1,500		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: WMATA
2. Project Name (from CLRP Project): Stimulus: Maintenance and Repair Equipment
3. Phase Name: Track Pad/Shock Absorber Rehab

	Prefix	Route	Name	Modifier
4. Facility:			Throughout rail system	
5. From ( _ at):				
6. To:				

7. Description:

The goal of the ROW Grout Pads Rehabilitation Program is to maintain Metro's track structure in a state of good repair by rehabilitating the grout/plinth pads.

8. Agency Phase ID: ST37
9. Projected Completion Year: ongoing
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$1,030		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: WMATA
2. Project Name (from CLRP Project): Stimulus: Passenger Facilities
3. Phase Name: Metro Center Sales Office Replacement

	Prefix	Route	Name	Modifier
4. Facility:			Sales Office	
5. From (X at):			Metro Center Station	
6. To:				

7. Description:

Renovation of existing Customer Service Center at Metro Center. The renovation/expansion of the Customer Service Center to be equipped with total of 10 sales windows almost doubles the office space and reconfiguring of the existing rails and gate outside will allow sales capacity in both Paid and Free areas of the mezzanine which would also be more customer-friendly facility.

8. Agency Phase ID: ST38
9. Projected Completion Year: FY2010
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$1,000		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: WMATA
2. Project Name (from CLRP Project): Stimulus: Safety and Security
3. Phase Name: Underground Communications Radios

	Prefix	Route	Name	Modifier
4. Facility:			Throughout rail system	
5. From ( _ at):				
6. To:				

7. Description:

Additional underground radios to cover needs of maintenance and truck and structures employees.

8. Agency Phase ID: ST40
9. Projected Completion Year: FY2011
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$1,000		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: WMATA
2. Project Name (from CLRP Project): Stimulus: Operations Systems
3. Phase Name: Kiosk & Train Control Computers

	Prefix	Route	Name	Modifier
4. Facility:			Throughout rail system	
5. From ( _ at):				
6. To:				

7. Description:

Replacement of touch screen monitors and computer that are no longer functioning properly. Integrates operations and safety services, station manager, maintenance staff, and train control room staff.

8. Agency Phase ID: ST41
9. Projected Completion Year: FY2011

10. Project Status:

- New Project
- In previous TIP, proceeding as scheduled
- In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$750		Economic Stimulus (Formula)	100%		

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# TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2009-2014 PROJECT DESCRIPTION FORM



## **BASIC PROJECT INFORMATION**

1. Submitting Agency: WMATA
2. Project Name (from CLRP Project): Stimulus: Safety and Security
3. Phase Name: Station Alarm/Chemical Sensors

	Prefix	Route	Name	Modifier
4. Facility:			Various rail stations	
5. From ( _ at):				
6. To:				

7. Description:

This project will expand the Chemical Sensor Detection System at one to two additional stations and provide alarms to identify a failure in a BDA. Also provides for relocation of existing chemical detectors out of the trackbed to lessen maintenance costs.

8. Agency Phase ID: ST48
9. Projected Completion Year: FY2010
10. Project Status:
  - New Project
  - In previous TIP, proceeding as scheduled
  - In previous TIP, delayed or reprogrammed

11. Capital Costs

FISCAL YEAR	AMOUNT (\$1,000s)	PHASE	SOURCE	FED	STA	LOC
FY2009	\$4,000		Economic Stimulus (Formula)	100%		

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