

Baltimore Region's FY 2009 Annual Listing of Obligated Projects

The information in the Baltimore Region's Annual Listing of Obligated Projects was compiled from data provide by the State Highway Administration and the Maryland Transit Administration. The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) expect that the projects included in the Annual Listing of Obligated Projects are consistent with the categories of projects that are listed in the Transportation Improvement Program (TIP). The annual listing of obligated projects contain only fund obligations. The intent of this list is to improve the transparency of transportation spending decisions to the public by providing information about funds requested by MDOT and obligated by either FHWA or FTA toward a project included in the Baltimore region's TIP.

Purpose of this Report

The Safe, Accountable, Flexible, Efficient Transportation Equity Act: a Legacy for Users (SAFETEA-LU) enacted by Congress on July 29, 2005 states:

“An annual listing of projects, including investments in pedestrian walkways and bicycle transportation facilities, for which federal funds have been obligated in the preceding year shall be published or otherwise made available by the cooperative effort of the state, transit operator and metropolitan planning organization for public review. The listing shall be consistent with the categories identified in the TIP.”¹

Acting on this legislation the Department of Transportation on February 14, 2007, made its Final Ruling in the Federal Register (FHWA (23 CFR Parts 450 and 500) and FTA (49 CFR Part 613)) on Statewide Transportation Planning/Metropolitan Transportation Planning. This ruling included Section 450.322, the Annual Listing of Obligated Projects requirement.

This report responds to the directive and the final rule. It lists all transportation projects in the Baltimore region that were obligated in federal fiscal year 2009 (October 1, 2008 - September 31, 2009). FHWA defines obligation as “[t]he federal government's legal commitment (promise) to pay or reimburse the states or other entities for the federal share of a project's eligible costs.”² Thus, obligated

projects are strategies and projects funded under title 23 U.S.C. and title 49 U.S.C. Chapter 53, for which the supporting federal funds were authorized and committed by the State or designated recipient and authorized by the FHWA or awarded as a grant by the FTA. Obligated projects on this list were not necessarily initiated or completed in the federal fiscal year 2009 but received FHWA or FTA funds in the report. The obligated project costs reflected in this report also may not be equal to final project costs, due to project cost savings, overruns, or advance construct finance process.

Background

The Baltimore Regional Transportation Board is the Metropolitan Planning Organization for the Baltimore region. As an MPO, the BRTB is directly responsible for making sure that any money spent on existing and future transportation projects and programs is based on a continuing, cooperative and comprehensive (3-C) planning process. All transportation projects and programs that receive federal funding in our region go through this planning process.

The mission of the BRTB is to provide regional transportation planning and policy making for the Baltimore region.

Specifically, the BRTB provides overall program management of an annual work program - the Unified Planning Work Program. In addition, the BRTB provides policy direction and oversight in the development of a federally mandated Long Range Transportation Plan, the Transportation Improvement Program and the transportation element of the State Air Quality Implementation Plan. The work program, the long range transportation plan and the transportation improvement program all require approval by the BRTB.

The BRTB is comprised of a 10-member board representing the cities of Annapolis and Baltimore, the counties of Anne Arundel, Baltimore, Carroll, Harford and Howard and the Maryland Department of Transportation, the Maryland Department of the Environment and the Maryland Department of Planning.

This report is a list of federally obligated projects that were included in Baltimore Region Transportation Improvement Program. The TIP contains specific funding requests over a four-year period covering the current spending priorities for surface transportation projects and strategies from the long-range transportation plan. It is the region's way of allocating its limited transportation resources among the

various capital and operating needs of the region. The TIP includes a description of federal requirements, a discussion of fund sources, a project listing for the coming year, and a description of all projects requesting federal funds over the next 4 years.

In the Baltimore region, the TIP includes all state and local projects that request federal dollars (those projects have a state or local dollar match). The Baltimore TIP is part of the Maryland Statewide Transportation Improvement Program. The Maryland STIP is a five-year, fiscally constrained, and prioritized set of transportation projects that is compiled from local and regional plans. All projects and funding details in the STIP have been approved by the Maryland General Assembly and by the Governor through the State's annual budget process. The STIP is comprised of three parts: the STIP Policy Documentation, the Consolidated Transportation Program, and the six TIPs from the state's metropolitan planning organizations. Maryland updates its STIP every year even though the federal regulations specify at least every four years.

Projects

Descriptions of the projects in this report are available online at www.baltometro.org/transportation-planning/transportation-improvement-program-2008-2012 . Below is a list of projects where the federal government has obligated funds for Fiscal Year 2009. The information used to generate this report was obtained from the Maryland Transit Administration and Maryland State Highway Administration.

¹ Title VI, Section 6001 (j)(7)(B)

² Financing Federal Aid Highways Glossary. <http://www.fhwa.dot.gov/reports/fifahiw/ffahappa.htm>,

February 1, 2007.

Baltimore Region Federal Aid Obligations for FY 2009

Maryland Transit Administration

Project Title	State Project #	MPO	Funding level	Fund Source
Bus Procurement and Equipment	8001	Baltimore	9,600,000	ARRA
Bus Facilities Infrastructure	8002	Baltimore	10,100,000	ARRA
Bus Mondawmin Bus Loop Repaving	8025	Baltimore	2,000,000	ARRA
Bus Northwest Division HVAC Upgrade	8027	Baltimore	5,400,000	ARRA
LRT Falls Rd Station Parking Expansion	8003	Baltimore	2,281,000	ARRA
LRT Signage Upgrades	8004	Baltimore	500,000	ARRA
LRT Substation Installation	8005	Baltimore	4,799,000	ARRA
LRT Substation Breakers Replacement	8026	Baltimore	5,500,000	ARRA
LRT Yard Switches Upgrade	8028	Baltimore	4,200,000	ARRA
MARC CSXT Joint Benefit	8007	Statewide	4,700,000	ARRA
MARC BWI Station Renovations	8008	Baltimore	3,000,000	ARRA
MARC Martin's Yard Improvements	8009	Baltimore	400,000	ARRA
MARC Penn Station Improvements	8010	Baltimore	4,000,000	ARRA
MARC Public Address System	8011	Statewide	6,489,000	ARRA
MARC West Baltimore Parking Expansion	8013	Baltimore	3,000,000	ARRA
Metro Fastener and Bolt Replacement	8014	Baltimore	3,500,000	ARRA
Metro Public Address System	8015	Baltimore	5,326,000	ARRA
Metro Stations Renovation	8016	Baltimore	5,000,000	ARRA
Metro Tunnel and Underground Repairs	8017	Baltimore	3,900,000	ARRA
Metro Bridge and Elevator Structure Rehabilitation	8018	Baltimore	2,600,000	ARRA
Metro Railcar Truck Assembly	8019	Baltimore	19,500,000	ARRA
Metro Halon Gas Replacement	8029	Baltimore	522,000	ARRA
Local Transit Vehicle/Facilities - Baltimore	8020	Baltimore	5,974,000	ARRA
Local Transit Vehicles/Facilities - Small Urban	8023	Statewide	16,083,000	ARRA
Local Transit Vehicles/Facilities - Rural	8024	Statewide	7,425,000	ARRA
Reprogrammed Funds	1357	Statewide	6,755,000	CMAQ
New Replacement Contract Year 2009	0518	Baltimore	9,200,000	CMAQ
Ridesharing	0045	Baltimore	1,485,000	CMAQ
Elderly/Handicapped Non-Profit	0210	Statewide	19,630,000	L5310
Preventive Maintenance	Operating	Statewide	35,672,000	5307
Parking Lot Repaving	0177	Baltimore	724,000	5307
Standard Specs and Details	0221	Baltimore	168,000	5307
Americans w/ Disabilities Act (ADA) Compliance	0266	Baltimore	978,000	5307

Project Title	State Project #	MPO	Funding Level	Fund Source
Telephone Communications	0493	Baltimore	322,000	5307
Miscellaneous Planning Studies	0510	Baltimore	304,000	5307
Scheduling System	0513	Baltimore	856,000	5307
Rail Purchase	0660	Baltimore	210,000	5307
Communications Trunking	0717	Baltimore	508,000	5307
Corrosion Control Service	0752	Baltimore	2,000	5307
Trunked Radio Sites	0812	Baltimore	2,575,000	5307
Lexington Market	1060	Baltimore	869,000	5307
Miscellaneous Engineering Project	1070	Baltimore	363,000	5307
Non-Revenue Vehicles	1079	Baltimore	366,000	5307
Closed Circuit Television (CCTV) Improvements	1090	Baltimore	286,000	5307
Baltimore Green Line	1141	Baltimore	402,000	5307
Police Northern Facility	1163	Baltimore	772,000	5307
Engineering Management	1204	Baltimore	496,000	5307
Howard Street Revitalization	1207	Baltimore	282,000	5307
Washington Blvd Electric	1247	Baltimore	82,000	5307
Fare Collection Equipment	1329	Baltimore	368,000	5307
Maintenance Improvement	0554	Baltimore	77,000	5307
Bus Lifts	1096	Baltimore	181,000	5307
Enhanced Bus Service	1174	Baltimore	100,000	5307
Baltimore/Washington Investments	1175	Baltimore	13,000	5307
North West Division Heating	1181	Baltimore	89,000	5307
Bicycle Racks	1251	Baltimore	80,000	5307
Computer Aided Dispatch	0917	Baltimore	917,000	5307
Transit Pass Equipment	0884	Baltimore	3,185,000	5307
Norfolk-Southern Track	1340	Baltimore	496,000	5307
Station Signage Improvements	0843	Baltimore	181,000	5307TE
Small Urban Area Transit	0217	Statewide	7,172,000	L5307
City of Annapolis Vehicles	1355	Baltimore	429,000	L5307
Reprogrammed Funds	1357	Statewide	2,758,000	M5307
Operations Agreement with AMTRAK	0183	Statewide	4,230,000	M5307
Halethorpe Station	0435	Baltimore	518,000	M5307
West Baltimore Parking	1089	Baltimore	97,000	M5307
Aberdeen Station Relocation	1182	Baltimore	26,000	M5307
BWI Station	1209	Baltimore	272,000	M5307
Gallery Coaches	1302	Statewide	2,400,000	M5307

Project Title	State Project #	MPO	Funding Level	Fund Source
Operations Agreement with AMTRAK	0183	Statewide	275,000	M5309FG
Edgewood Area Maintenance	1208	Baltimore	389,000	M5309FG
Diesel Locomotive Procurement	1245	Statewide	2,445,000	M5309FG
Edgewood Station Improvements	1296	Baltimore	1,648,000	M5309FG
Aberdeen Station Parking	1233	Baltimore	1,233,000	M5309FG
Maintenance Of Way (MOW) Misc. Improvements	0005	Baltimore	455,000	R5309FG
Conversion of Yard Switches	0451	Baltimore	99,000	R5309FG
Direct Fixation Fastener	0455	Baltimore	164,000	R5309FG
Howard Street Safety	0489	Baltimore	120,000	R5309FG
Enhancements	0790	Baltimore	144,000	R5309FG
Rail Installation	0797	Baltimore	11,000	R5309FG
Light Rail Vehicle Mid-Life Overhaul	1153	Baltimore	1,387,000	R5309FG
Sub-Station Breaker Overhaul	1185	Baltimore	5,000	R5309FG
Electrical Box Replacement	1187	Baltimore	244,000	R5309FG
Access Road and Gate Improvement	1189	Baltimore	95,000	R5309FG
CCTV Wireless Infrastructure	1211	Baltimore	29,000	R5309FG
Traction Power Substation	1227	Baltimore	139,000	R5309FG
Gilroy Road Turnback	1253	Baltimore	70,000	R5309FG
Balance Weight Assembly	1254	Baltimore	80,000	R5309FG
Light Rail Vehicle Mid-Life Overhaul	1346	Baltimore	850,000	R5309FG
Railcar Ongoing Overhaul	0091	Baltimore	788,000	R5309FG
Escalator/Elevator	0124	Baltimore	133,000	R5309FG
Miscellaneous Improvements Fund	0179	Baltimore	299,000	R5309FG
Rail Inspection Program	0194	Baltimore	144,000	R5309FG
Fire System Management	0457	Baltimore	4,671,000	R5309FG
Yard Renovation	0520	Baltimore	212,000	R5309FG
Rail Shop Equipment	0838	Baltimore	145,000	R5309FG
Cable Assessment	0839	Baltimore	24,000	R5309FG
Train Control Elements	0840	Baltimore	109,000	R5309FG
Rail Installation	0868	Baltimore	349,000	R5309FG
Wayside Telephone Emergency Program	1093	Baltimore	98,000	R5309FG
Street Grating Replacement	1178	Baltimore	119,000	R5309FG
Yearly Testing and Repair	1186	Baltimore	40,000	R5309FG
Interlocking Renewals	1223	Baltimore	180,000	R5309FG
Communications Control	1244	Baltimore	731,000	R5309FG
Roof Replacements	1258	Baltimore	280,000	R5309FG
Railcar Overhaul	1281	Baltimore	160,000	R5309FG

Project Title	State Project #	MPO	Funding Level	Fund Source
Station Emergency Telephones	1288	Baltimore	36,000	R5309FG
CCTV Wireless Infrastructure	1293	Baltimore	80,000	R5309FG
Tunnel Grouting	1318	Baltimore	56,000	R5309FG
Parking Lot Repaving	0177	Baltimore	579,000	B5309
Maintenance Improvement	0554	Baltimore	766,000	B5309
Body Shop Equipment	0783	Baltimore	35,000	B5309
Bush Maintenance Facility	1073	Baltimore	40,000	B5309
Maintenance Equipment - Electrical	1078	Baltimore	303,000	B5309
Fuel/Fluids Management	1120	Baltimore	217,000	B5309
Code Enforcement Repairs	1148	Baltimore	120,000	B5309
Edgewood Station Improvements	1296	Baltimore	422,000	B5309
Rural/Small Urban	0211	Statewide	2,996,000	L5309
Rural/Small Urban Vehicles	0826	Statewide	3,350,000	L5309

Transit- related Abbreviations

- ARRA – American Recovery and Reinvestment Act
- CMAQ – Congestion Management and Air Quality
- L – Local Area Transit Service
- M – MARC
- TE – Transit Enhancement
- R – Rail
- 5307 – Urbanized Area Formula Program
- 5309FG – Section 5309 Fixed Guideway Modernization
- 5309B – Section 5309 Bus or Bus Related
- 5310 – Section 5310 Elderly Persons and Persons with Disabilities

State Highway Administration

Project Title	Location	Funding Level (\$)	Fund Source	Phase
<u>Environmental Projects</u>				
Wetland and Tree Planting in Districts 4 and 7	Areawide	558,489	ARRA	CON
Wetland and Tree Planting at Various Locations in District 5	Areawide	280,400	ARRA	CON
Synthesis of Maryland's Archeological Data	Areawide	134,790	Enhancement	PE
Environmental Management Systems Development	Areawide	399,840	STP	PE
Permit Processing and Compliance for Miscellaneous Activities	Areawide	282,240	STP	PE
Wetland Mitigation Banking	Areawide	159,936	STP	PE
Noise Abatement Program Support for FY 2009 and FY 2010	Areawide	290,707	STP	PE
Runkles Farm Viewshed Acquisition	Baltimore Co.	223,850	STP	ROW
Replace Plantings along MD 140 in Westminster	Carroll	278,787	STP	CON
<u>Safety and Spot Improvements</u>				
MD 2 and MD 710	Anne Arundel	1,992,530	ARRA	CON
MD 7, MD 157 and MD 700	Baltimore Co.	2,276,107	ARRA	CON
MD 140 Ramps	Carroll	1,284,501	ARRA	CON
Transportation Weigh Inspection Station - Full Depth Concrete Repair	Areawide	3,396,811	ARRA	CON
Americans w/ Disabilities Act (ADA) Compliance Program in District 4	Areawide	2,302,300	ARRA	CON
ADA Compliance Program in District 5	Areawide	2,936,648	ARRA	CON
ADA Compliance Program in District 7	Areawide	1,794,107	ARRA	CON
Upgrade Existing Traffic Barrier and Design New Median Barrier in Dist 4	Areawide	1,024,366	ARRA	CON
Upgrade Traffic Barrier and Design New Median Barrier in District 5	Areawide	1,098,669	ARRA	CON
Upgrade Existing Traffic Barrier/Design New Median Barrier in Dist 6 , 7	Areawide	2,247,817	ARRA	CON
Various Locations on I-95, I-495, I-695 and I-270	Areawide	11,093,131	ARRA	CON
Uninterruptable Power Source (UPS), Light Emitting Diode (LED), Black Face Signal in Districts 1, 2, 4 and 5	Areawide	6,495,427	ARRA	CON
UPS and Accessible Pedestrian Signal (APS) Installation in Districts 3, 6 and 7	Areawide	6,672,881	ARRA	CON
Traffic Detection in Districts 3, 6 and 7	Areawide	1,939,995	ARRA	CON
Traffic Detection in Districts 1, 2, 4 and 5	Areawide	1,939,995	ARRA	CON
Install Sign Lighting System - Statewide	Areawide	2,284,082	ARRA	CON
Install/Upgrade Areawide Signing	Areawide	5,075,685	ARRA	CON
CPD Safety and Spot Improvements	Areawide	270,000	HSIP	PE
ADA Field Reviews for FY 10	Areawide	270,000	HSIP	PE
ADA Compliance (Retrofit) Program for FY 10	Areawide	1,408,500	HSIP	PE
District 4 Safety/Operational Improvements - FY 2011, 12, 13	Areawide	2,217,189	HSIP	CON
Traffic Development & Support Division (TDSD)/Maryland Highway Safety Office (MHSSO) for in-House Safety Analysis	Areawide	740,880	HSIP	PE
Statewide - Planning for Work Zone Enforcement Program Implementation	Areawide	264,600	HSIP	PE
East of Island Point Road to Diamond Point Road	Baltimore Co.	982,015	HSIP	CON

Project Title	Location	Funding Level	Fund Source	Phase
Permanent Improvements of the Towson Roundabout	Baltimore Co.	158,760	HSIP	PE
At I-695 interchange (South)	Baltimore Co.	4,697,304	HSIP	CON
At I-695 interchange (South)	Baltimore Co.	4,697,304	HSIP	CON
East of Island Point Road to Diamond Point Road	Baltimore Co.	982,015	HSIP	CON
Traffic Control Device Inspection Division (TCDIS) Design Plan Review	Areawide	74,049	NHS	PE
Traffic Engineering Design Division (TEDD) In-house Signing Design	Areawide	80,996	NHS	PE
TCDIS Design Plan Review	Areawide	27,743	NHS	PE
LED/APS Installations in Districts 6 and 7	Areawide	696,882	NHS	CON
Modification/Installation of Lighting in Districts 3,6 and 7	Areawide	467,421	NHS	CON
Installation of Service Pedestals in Districts 3,4 and 5	Areawide	475,483	NHS	CON
TEDD In-house Signal Design	Areawide	1,320,000	NHS	PE
TEDD In-house Lighting Design	Areawide	120,000	NHS	PE
TEDD In-house Signing Design	Areawide	390,000	NHS	PE
TCDIS Design Plan Review	Areawide	132,000	NHS	PE
CPD In-house Statewide Program Development	Areawide	180,000	NHS	PE
South of MD 24 to MD 924	Harford	235,200	NHS	PE
Installation of Rumble Strips at Various Locations in District 6	Areawide	411,495	STP	CON
District 4 Safety/Operational Improvements - FY 2011, 12, 13	Areawide	2,020,378	STP	CON
Installation of Rumble Strips at Various Locations in District 6	Areawide	51,375	STP	CON
TEDD In-house Lighting Design	Areawide	1,200,000	STP	PE
TEDD In-house Signing Design	Areawide	195,115	STP	PE
TCDIS Design Plan Review	Areawide	30,207	STP	PE
CPD In-house Statewide Program Development	Areawide	180,000	STP	PE
TEDD In-house Signal Design	Areawide	1,320,000	STP	PE
TEDD In-house Signal Design	Areawide	500,000	STP	PE
LED/APS Installations in Districts 6 and 7	Areawide	2,755,210	STP	CON
Modification/Installation of Lighting in Districts 3, 6 and 7	Areawide	1,000,000	STP	CON
TEDD In-house Signing Design	Areawide	113,889	STP	PE
At CSX Tracks	Harford	23,588	STP	CON
At CSX Tracks	Harford	200,159	STP	CON
<u>Resurfacing and Rehabilitation</u>				
Downes Road to the Pennsylvania Line	Baltimore Co.	3,124,341	ARRA	CON
Downes Road to the Pennsylvania Line	Baltimore Co.	1,214,353	ARRA	CON
Wheel Road to MD 22	Harford	1,690,416	ARRA	CON
Pleasantville Road; Baltimore County Line to Highpoint Road	Harford	1,538,180	ARRA	CON
Harford County Resurfacing Various Locations	Harford	1,519,265	ARRA	CON
Brokenland Parkway to Middle Patuxent River	Howard	5,173,792	ARRA	CON
Howard County Resurfacing Various Locations	Howard	2,993,000	ARRA	CON
Traffic Barrier Upgrades at Various Locations in District 4	Areawide	346,106	ARRA	CON

Project Title	Location	Funding Level	Fund Source	Phase
Traffic Barrier Upgrades at Various Locations in District 5	Areawide	342,828	ARRA	CON
Traffic Barrier Upgrades at Various Locations in Dist 7	Areawide	498,332	ARRA	CON
Various Locations in Northern Anne Arundel County	Areawide	4,657,659	ARRA	CON
Various Locations in Southern Anne Arundel County	Areawide	4,828,636	ARRA	CON
Resurface Various Roadways in Anne Arundel County	Areawide	6,043,000	ARRA	CON
Various Locations in Baltimore County - East of I-83	Areawide	4,612,278	ARRA	CON
Various Locations in Baltimore County - West of I-83	Areawide	4,612,522	ARRA	CON
Resurface Various Roadways in Baltimore County	Areawide	8,129,000	ARRA	CON
Resurface Various Roadways in Carroll County	Areawide	2,715,000	ARRA	CON
Various Locations in Carroll County	Areawide	2,277,771	ARRA	CON
Various Locations in Harford County	Areawide	4,592,808	ARRA	CON
Various Locations in Howard County	Areawide	4,591,671	ARRA	CON
North Ave from Howard Street to Mt Royal Ave	Baltimore City	320,000	HPP	PE
Various Locations in Northern Anne Arundel County	Areawide	354,568	NHS	CON
Various Locations in Southern Anne Arundel County	Areawide	873,195	NHS	CON
I-695 to Baltimore City Line	Baltimore Co.	235,200	NHS	PE
Center Street to East of Malcolm Drive	Carroll	1,613,914	NHS	CON
Various Locations in Northern Anne Arundel County	Areawide	825,405	STP	CON
Various Locations in Southern Anne Arundel County	Areawide	2,183,015	STP	CON
Various Locations in Baltimore County - East of I-83	Areawide	3,204,378	STP	CON
Various Locations in Baltimore County - West of I-83	Areawide	3,194,760	STP	CON
Various Locations in Carroll County	Areawide	1,676,365	STP	CON
Various Locations in Harford County	Areawide	3,306,800	STP	CON
Various Locations in Howard County	Areawide	3,308,166	STP	CON
Gwynns Falls Pkwy Garrison Blvd to Longwood Street	Baltimore City	1,106,673	STP	PE
Gwynns Falls Pkwy Garrison Blvd to Longwood Street	Baltimore City	835,657	STP	PE
Resurfacing North Ave from Greenmount Ave to Howard Street	Baltimore City	5,968,281	STP	CON
Baltimore City Line to Rossville Blvd	Baltimore Co.	1,000,000	STP	CON
North of Ridgely Road to south of Timonium Road	Baltimore Co.	47,040	STP	PE
<u>Bridge Replacement and Rehabilitation</u>				
Bridge inspections Statewide - FY 2010	Areawide	2,822,400	BRR	PE
Small Structure inventory and inspections - FY 2010	Areawide	329,280	BRR	PE
Over MD 295 (NB and SB)	Anne Arundel	235,200	BRR	PE
Rev - Bridge 0303200 on McDonogh Road over Gwynns Falls	Baltimore Co.	704,449	BRR	CON
Rev - Bridge C on Ramp C over I-695 and Light Rail	Baltimore Co.	1,286,804	BRR	CON
Rev - Bridge 1304802 over I-70	Howard	1,425,870	BRR	CON
Bridge 1308603 EB over US 29, Bridge 1308604 WB over US 29	Howard	300,000	NHS	PE
Russell Street Viaduct Replacement	Baltimore City	245,982	STP	PE

Project Title	Location	Funding Level	Fund Source	Phase
<u>Congestion Management</u>				
Statewide CHART Dynamic Message Signs Deployment (Phase 2)	Areawide	3,672,297	ARRA	CON
CHART Leased Circuits FY 10 - 14	Areawide	31,650	Minimum Guarantee	PE
CHART Leased Circuits FY 10 - 14	Areawide	400,555	Minimum Allocation - EB	PE
CHART Leased Circuits FY 10 - 14	Areawide	258,743	Minimum Allocation - EB	PE
Maryland State Police (MSP) Motorcycles for FY 2009	Areawide	2,409	STP	CON
MSP Motorcycles for FY 2009	Areawide	37,581	STP	CON
CHART Statewide Operations Center	Areawide	164,998	STP	CON
The UMD Center for Advanced Transportation Technology (CATT) Lab Operations Support for FY 10	Areawide	100,000	STP	PE
Technical Support for CHART ITS FY 10	Areawide	100,000	STP	PE
CHART Leased Circuits FY 10 - 14	Areawide	3,309,052	STP	PE
<u>Major Funds</u>				
Roadway Improvement (RI) - South of Wolf Hill Drive to north of Hampstead	Carroll	317,241	CMAQ	CON
I-695 Outer Loop - MD 144 to south of US 40	Baltimore Co.	636,063	HPP	ROW
RI - Cavan Drive to Ridgely Road	Baltimore Co.	755,553	HPP	CON
RI - Cavan Drive to Ridgely Road	Baltimore Co.	3,218,406	HPP	CON
RI - Cavan Drive to Ridgely Road	Baltimore Co.	448,555	HPP	CON
I-695 Outer Loop - MD 144 to south of US 40	Baltimore Co.	1,280,387	HPP	ROW
I-695 Outer Loop - MD 144 to south of US 40	Baltimore Co.	175,756	HPP	ROW
South of Wolf Hill Road to north of Hampstead	Carroll	136,876	HPP	CON
South of Wolf Hill Road to north of Hampstead	Carroll	81,259	HPP	CON
South of Wolf Hill Road to north of Hampstead	Carroll	583,045	HPP	CON
Prince George's County Line to Baltimore County Line	Howard	136,876	HPP	Other
Prince George's County Line to Baltimore County Line	Howard	583,045	HPP	Other
Prince George's County Line to Baltimore County Line	Howard	81,259	HPP	Other
RI - North of Triadelphia Road to 3000 feet north of Burntwoods Road	Howard	520,127	HPP	CON
RI - North of Triadelphia Road to 3000 feet north of Burntwoods Road	Howard	2,215,568	HPP	CON
RI - North of Triadelphia Road to 3000 feet north of Burntwoods Road	Howard	308,789	HPP	CON
RI - South of Wolf Hill Drive to north of Hampstead	Carroll	228,063	NHS	CON
RI - South of Wolf Hill Drive to north of Hampstead	Carroll	781,697	NHS	CON
RI - South of Wolf Hill Drive to north of Hampstead	Carroll	13,271,853	NHS	CON
RI - South of Wolf Hill Drive to north of Hampstead	Carroll	23,054,316	NHS	CON

Project Title	Location	Funding Level	Fund Source	Phase
RI - North of Triadelphia Road to 3000 feet north of Burntwoods Road	Carroll	11,550,006	NHS	CON
RI - North of Triadelphia Road to 3000 feet north of Burntwoods Road	Howard	1,755,061	NHS	CON
RI - Cavan Drive to Ridgely Road	Baltimore Co.	3,082,739	STP	CON
RI - South of Wolf Hill Drive to north of Hampstead	Carroll	16,668	STP	CON
Orleans Street from Central Avenue to Wolfe Street	Baltimore City	10,886,546	ARRA	CON
Hilton Street from Frederick Avenue to Mulberry Street	Baltimore City	1,481,803	ARRA	CON
Park Heights Avenue from Northern Parkway to Garrison Blvd	Baltimore City	2,528,090	ARRA	CON
Frankford Avenue from Sinclair Lane to Moravia Park Drive	Baltimore City	1,618,496	ARRA	CON
Argonne Drive Bridge over Herring Run	Baltimore City	7,269,104	ARRA	CON
Northern Parkway from Falls Road to Park Heights Avenue	Baltimore City	10,931,365	ARRA	CON
Transportation Management Association in southeast Baltimore City	Baltimore City	200,000	CMAQ	PE
Procurement of Diesel Particulate Filters for Baltimore City's Fire Department Fleet	Baltimore City	225,000	CMAQ	CON
Procurement of Hybrid Bucket Truck	Baltimore City	145,000	CMAQ	CON
Baltimore City Traffic Management Center - Operations Budget	Baltimore City	500,000	CMAQ	CON
Baltimore Citywide Traffic Signal System Integration	Baltimore City	2,607,052	CMAQ	CON
Baltimore Citywide Traffic Signal System Integration	Baltimore City	1,500,000	CMAQ	CON
Installation of Variable Message Signs and Supports Citywide	Baltimore City	2,852,542	CMAQ	CON
Installation of Variable Message Signs and Supports Citywide	Baltimore City	2,542,149	CMAQ	CON
Intelligent Transportation Systems (ITS) Installation of Fiber and Copper Communications System Citywide	Baltimore City	1,502,159	CMAQ	CON
Baltimore City Traffic Management Center - Operations Budget FY 2010	Baltimore City	3,734,448	CMAQ	CON
Baltimore City Project	Baltimore City	273,751	HPP	PE
Baltimore City Project	Baltimore City	1,166,089	HPP	PE
Coppin State University - Multi-Story Parking Structure with Pedestrian Bridge	Baltimore City	20,160	HPP	PE
Fairfield Ecological Industrial Park – Reconstruct 4 streets in the Empowerment Zone	Baltimore City	889,172	HPP	CON
Fairfield Ecological Industrial Park – Reconstruct 4 streets in the Empowerment Zone	Baltimore City	1,192,366	HPP	CON
Pennington Avenue over Curtis Creek Bascule Repair	Baltimore City	205,313	HPP	CON
Pennington Avenue over Curtis Creek Bascule Repair	Baltimore City	136,876	HPP	CON
Pennington Avenue over Curtis Creek Bascule Repair	Baltimore City	121,890	HPP	CON
Pennington Avenue over Curtis Creek Bascule Repair	Baltimore City	81,259	HPP	CON
Pennington Avenue over Curtis Creek Bascule Repair	Baltimore City	874,567	HPP	CON
Pennington Avenue over Curtis Creek Bascule Repair	Baltimore City	583,045	HPP	CON
Rehabilitate Roadways around East Baltimore Life Science Park	Baltimore City	467,916	HPP	PE
ITS Installation of Fiber and Copper Communications System Citywide	Baltimore City	164,251	HPP	CON
ITS Installation of Fiber and Copper Communications System Citywide	Baltimore City	699,653	HPP	CON
<u>CHART Projects</u>				
CHART Vehicles for FY 2009 - Statewide	Areawide	303,186	STP	CON
CHART – MSP Liaison for FY 10-12	Areawide	349,678	STP	CON

Project Title	Location	Funding Level	Fund Source	Phase
CHART Vehicles and Equipment Purchase for FY 10	Areawide	376,282	STP	CON
CHART Operations Budget for FY 10	Areawide	7,218,178	STP	CON
<u>Environmental Projects</u>				
Traffic Signal Coordination in Westminster	Carroll	40,000	CMAQ	PE
Southampton Road over Bynum Run Bridge	Harford	975,429	DPI	CON
Southampton Road over Bynum Run Bridge	Harford	631,590	DPI	CON
<u>Federal Projects</u>				
Gwynn Brook Road Bridge over tributary to Gwynn's Falls	Baltimore Co.	67,197	BRR	PE
Gwynn Brook Road Bridge over tributary to Gwynn's Falls	Baltimore Co.	204,011	BRR	PE
Carrs Mill Road over Winters Run	Harford	160,000	BRR	PE
Harford Creamery Road over Little Deer Creek	Harford	160,000	BRR	PE
Adaptive Control Software Project to Optimize Signal Timing on a Congested Anne Arundel County Corridor	Anne Arundel	112,960	CMAQ	CON
<u>Employee Training Program</u>				
SHA Employee Training Program FY 2009		79,776	CMAQ	Other
<u>ITS Projects</u>				
ITS Training	Areawide	300,000	ITS	PE
ITS – I-95 Corridor Coalition Multi State Model Analysis	Areawide	65,000	ITS	PE
ITS Installation of Fiber and Copper Communications System Citywide	Areawide	883,481	ITS	CON
ITS – I-95 Corridor Coalition Staff Salaries	Areawide	1,294,053	ITS	PE
ITS – I-95 Corridor Coalition Consultant Services	Areawide	2,450,163	ITS	PE
ITS – I-95 Corridor Coalition University of Maryland Project	Areawide	2,042,784	ITS	PE
<u>Motor Fuel Tax Compliance Project</u>				
Regional Fuel Taxing Auditing and Enforcement Activities	Areawide	5,000		PE
<u>National Recreation Trails Program</u>				
National Recreation Trails Program FY 09	Areawide	1,246,679	NRT	CON
<u>National Summer Transportation Institute Program</u>				
National Summer Transportation Institute Program FY 2009 - Morgan State University	Baltimore City	36,301	OJT	PE
<u>Other</u>				
In-house Structural Support Design Projects	Areawide	270,000		PE
In-house Structural Support Design Projects	Areawide	270,000		PE

Project Title	Location	Funding Level	Fund Source	Phase
<u>Safe Routes to School Projects</u>				
Safe Routes to School Program Infrastructure Projects	Areawide	5,452,500	SRTS	CON
Safe Routes to School Program Non-Infrastructure Projects	Areawide	1,225,500	SRTS	PE
Safe Routes to School Program Design Service Project	Areawide	1,000,000	SRTS	PE
<u>Statewide Planning and Research (SPR) Program</u>				
Local Technical Assistance Program SPR Part II	Areawide	140,000	LTAP	Other
Local Technical Assistance Program SPR Part II	Areawide	136,000	LTAP	Other
Statewide Planning and Research	Areawide	4,672	SPR	PP
Statewide Planning and Research	Areawide	208	SPR	PP
Statewide Planning and Research	Areawide	1,796,125	SPR	PP
Statewide Planning and Research	Areawide	183,891	SPR	PP
SPR Statewide Planning Work Program for FY 2010	Areawide	3,407,839	SPR	PP
SPR Research - Pooled Fund Study - Mid-Atlantic Rail Operations (MAROPS) Study	Areawide	150,000	SPR	PP
<u>Transportation Community and System Preservation</u>				
Eastern Blvd Widening and Grade Separation (Phase II)		355,680	TCSP	PE
Strategic Plan for MD Byways Program	Areawide	111,150	TCSP	PE
<u>Traffic Safety</u>				
High Visibility Enforcement, Belts and Booze 24/7, Traffic Safety Resource	Areawide	900,000	HSIP	PE

Highway-related Abbreviations

ARRA – American Recovery and Reinvestment Act
 BRR – Bridge Replacement and Rehabilitation
 CMAQ – Congestion Management Air Quality
 DPI – Discretionary Project Innovative
 EB – Equity Bonus
 HPP – High Priority Project
 HSIP – Highway Safety Improvement Program
 ITS – Intelligent Transportation Systems
 LTAP – Local Technical Assistance Program
 NHS – National Highway System
 NRT – National Recreational Trails
 OJT – On-the-Job Training
 SPR – Statewide Planning and Research
 SRTS – Safe Routes To School
 STP – Surface Transportation Program
 TCSP – Transportation Community System Preservation

ADA – Americans with Disabilities Act
 APS – Accessible Pedestrian Signal
 CPD –
 LED – Light Emitting Diode
 MHSO – Maryland Highway Safety Office
 Rev –
 RI – Roadway Improvement
 TCDIS – Traffic Control Device Inspection Section
 TDSD – Traffic Development & Support Division
 TEDD – Traffic Engineering Design Division
 UPS – Uninterruptable Power Source

Project Phases

CON = Construction
 PE = Preliminary engineering
 PP = Project planning
 ROW = Right-of-way