

**MARYLAND TRANSIT ADMINISTRATION**

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**MARYLAND TRANSIT ADMINISTRATION  
CAPITAL PROGRAM SUMMARY  
(\$ MILLIONS)**

	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>SIX-YEAR TOTAL</u>
<b><u>Construction Program</u></b>							
Major Projects	246.7	233.5	174.0	148.8	145.6	130.3	1,078.9
System Preservation Minor Projects	171.2	143.9	83.3	40.2	32.0	51.7	522.3
<b><u>Development &amp; Evaluation Program</u></b>	<u>43.0</u>	<u>80.2</u>	<u>68.1</u>	<u>11.7</u>	<u>11.7</u>	<u>1.7</u>	<u>216.2</u>
<b>SUBTOTAL</b>	460.9	457.5	325.4	200.6	189.3	183.7	1,817.5
<b><u>Capital Salaries, Wages &amp; Other Costs</u></b>	<u>11.2</u>	<u>11.0</u>	<u>3.0</u>	<u>3.0</u>	<u>3.0</u>	<u>3.0</u>	<u>34.2</u>
<b>TOTAL</b>	472.1	468.5	328.4	203.6	192.3	186.7	1,851.7
<b>Special Funds</b>	188.5	150.6	140.5	60.6	68.8	82.2	691.2
<b>Federal Funds</b>	263.2	282.8	185.8	142.4	122.9	103.8	1,100.9
<b>Other Funding</b>	20.4	35.1	2.1	0.6	0.6	0.6	59.6

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MARC

Freight

Light Rail

Baltimore Metro

Bus

Multi-Modal

Locally Operated Transit Systems



**MTA CONSTRUCTION PROGRAM**



**STATUS:** Revenue service began December 2001. Remaining funds are being utilized for safety and storage track enhancements, such as Passenger Train Warning Systems and Brunswick yard tracks.

**PROJECT:** MARC Frederick Extension

**DESCRIPTION:** Service extension from Point of Rocks to City of Frederick, includes downtown Frederick and suburban stations which connect to the Brunswick Line and provide access to Washington, D.C.

**JUSTIFICATION:** This extension assists in meeting travel demands of the I-270 corridor by providing additional MARC stations. The Frederick downtown station supports the revitalization of the downtown area in conjunction with the Carroll Creek Project and office development.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Cost increase of \$2.3 million reflects maximized use of remaining federal grant funds.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	676	676	0	0	0	0	0	0	0	0
Engineering	3,600	3,349	251	0	0	0	0	0	251	0
Right-of-way	6,377	6,097	280	0	0	0	0	0	280	0
Construction	48,656	44,241	2,005	2,410	0	0	0	0	4,415	0
<b>Total</b>	<b>59,309</b>	<b>54,363</b>	<b>2,536</b>	<b>2,410</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,946</b>	<b>0</b>
Federal-Aid	46,949	43,164	1,968	1,817	0	0	0	0	3,785	0

**USAGE:** There was an average of 407 MARC boardings per day on the MARC Frederick Extension in CY 2008.



**STATUS:** Engineering is underway for the Washington Mid-Day Storage Yard. Construction funding is for the Mid-Day Storage Yard. Site selection for an additional maintenance facility underway.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Funding increased \$3.8 million to cover increased planning and preliminary engineering costs.

**PROJECT:** MARC Maintenance, Layover & Storage Facilities

**DESCRIPTION:** Funding for planning, environmental documentation, design and property acquisition of maintenance, layover and storage facilities. Funding includes construction for the Washington Mid-Day Storage Yard as well as planning and environmental documentation for a new MARC layover and maintenance facility.

**JUSTIFICATION:** Projects will provide critically needed storage and maintenance facilities for the MARC fleet. The storage facility will reduce interference with Amtrak operations in Washington and provide urgently needed fleet storage away from the passenger platforms at Washington Union Station.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA  Project Outside PFA; Subject to Exception
- Grandfathered  Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	7,554	3,202	1,252	1,550	1,550	0	0	0	4,352	0
Engineering	7,256	5,458	1,598	200	0	0	0	0	1,798	0
Right-of-way	9,872	9,472	400	0	0	0	0	0	400	0
Construction	36,299	68	0	5,000	15,000	16,231	0	0	36,231	0
Total	60,981	18,200	3,250	6,750	16,550	16,231	0	0	42,781	0
Federal-Aid	40,654	9,350	2,600	4,480	11,994	12,230	0	0	31,304	0



**STATUS:** Improvements are ongoing.

**PROJECT:** MARC Improvements on Camden, Brunswick and Penn Lines (ARRA)

**DESCRIPTION:** Ongoing improvement program of the MARC Camden, Brunswick and Penn lines to ensure safety and quality of service. Program is implemented through CSX and Amtrak operating agreements. On CSX projects, the existing signal system will be upgraded and three crossovers will be added to increase track capacity. Amtrak projects will include passenger upgrades at Baltimore Penn Station, BWI Rail Station and Washington Union Station.

**JUSTIFICATION:** Investments in passenger rail corridor infrastructure improvements are necessary to continue quality MARC service.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Cost increased \$29.5 million due to the addition of the Gateway project which is a joint effort by Maryland and several other states, the federal Government and CSX to enhance the movement of rail freight.

<u>POTENTIAL FUNDING SOURCE:</u>		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2012....	....2013....	....2014....	....2015....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,723	1,723	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	176,841	75,013	34,005	39,694	13,508	10,610	4,011	0	101,828	0
Total	178,564	76,736	34,005	39,694	13,508	10,610	4,011	0	101,828	0
Federal-Aid	123,585	55,992	19,307	27,963	9,064	8,052	3,207	0	67,593	0

#8007, #8008 and #8010 added as an ARRA-related project  
0183, 0687, 8007, 8008, 8010



**STATUS:** Purchase and modifications of 13 bi-level vehicles complete. Delivery of overhauled MARC IIB vehicles underway.

**PROJECT:** MARC Coaches - Overhauls and Replacement

**DESCRIPTION:** Overhaul the following MARC coaches in accordance with "10-year Minor" and "20-year mid-life" schedules: 34 MARC IIB (Minor), 26 MARC IIA (Mid-Life), 63 MARC III (Minor). Thirteen gallery coaches have been received and are in service.

**JUSTIFICATION:** The overhauls will extend the life cycle of mechanical systems and car bodies providing safe and reliable vehicles for MARC service.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Cost increased \$1.2 million due to the actual cost of vehicle replacement.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	FOR PLANNING PURPOSES ONLY					
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	782	582	200	0	0	0	0	0	200	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	114,938	33,182	11,700	9,400	23,000	22,656	15,000	0	81,756	0
Total	115,720	33,764	11,900	9,400	23,000	22,656	15,000	0	81,956	0
Federal-Aid	68,656	8,579	7,920	7,200	15,286	17,742	11,929	0	60,077	0

0181, 1161, 1302, 1304



**STATUS:** Final testing of equipment is underway.

**PROJECT:** MARC Locomotives - Overhauls and Replacements

**DESCRIPTION:** Conduct overhaul of 4 AEM-7 electric locomotives, overhaul of 6 high-horsepower (HHP) electric locomotives and procurement of 26 re-manufactured diesel locomotives. 19 of the existing 25 diesel locomotives will be traded in and 2 will be transferred to Maryland Freight Service. Replacement diesel locomotives have higher horsepower and meet EPA Tier III air quality emissions standards.

**JUSTIFICATION:** Overhaul of locomotives in accordance with the manufacturer's schedule is needed to maintain safe and reliable operation and to comply with federally-mandated maintenance regulations.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

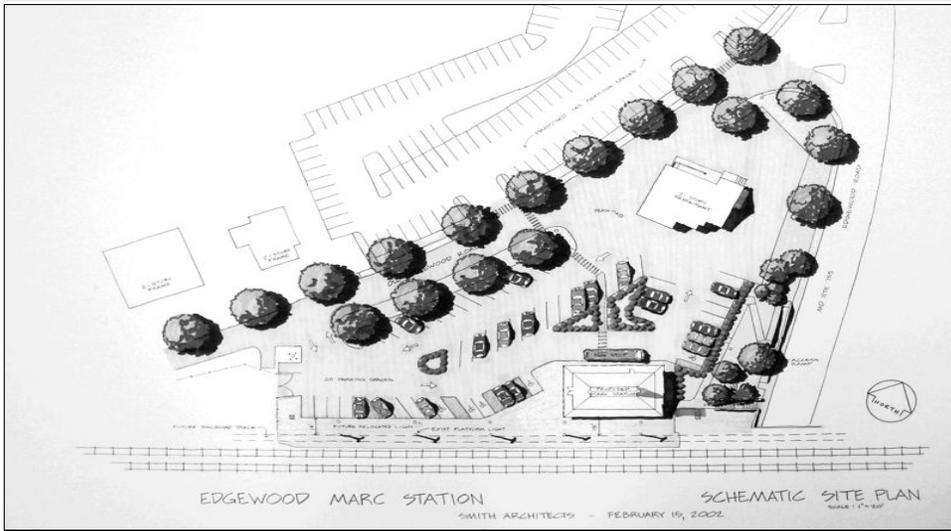
**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Project cost increased by \$2.3 million due to receipt of revised estimates.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	575	275	300	0	0	0	0	0	300	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	118,685	81,023	22,600	9,062	3,000	3,000	0	0	37,662	0
Total	119,260	81,298	22,900	9,062	3,000	3,000	0	0	37,962	0
Federal-Aid	94,899	64,807	18,043	7,249	2,400	2,400	0	0	30,092	0

1095, 1162, 1203, 1245



**STATUS:** Phase I improvements are complete. Engineering underway for Phase II station building and ADA access improvements. Construction expected to begin during current fiscal year pending final approval from Amtrak.

**PROJECT:** MARC Edgewood Station

**DESCRIPTION:** Phase I of the project includes expanded parking and ADA platform improvements. Phase II improvements are to include replacement of the existing station trailer with a permanent building and site enhancements to enhance customer service and provide improved ADA access.

**JUSTIFICATION:** Current ridership and anticipated growth due to BRAC will be better accommodated in a permanent facility.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Assessment of Transit Needs for Maryland Base Realignment and Closure -- Line 37

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	907	807	100	0	0	0	0	0	100	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	6,985	1,985	0	2,500	2,500	0	0	0	5,000	0
<b>Total</b>	<b>7,892</b>	<b>2,792</b>	<b>100</b>	<b>2,500</b>	<b>2,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,100</b>	<b>0</b>
Federal-Aid	4,419	1,004	80	1,935	1,400	0	0	0	3,415	0

**USAGE:** Approximately 315 MARC boardings per day occurred during CY 2008.



**STATUS:** Planning phase underway for: Aberdeen parking expansion, BWI Station upgrade and Penn Line track improvements.

**PROJECT:** MARC Growth and Investment Plan

**DESCRIPTION:** The MARC Growth and Investment Plan provides a framework for improvements and expansion of the MARC commuter service. Purchase of new railcars, improvements to station facilities and rail infrastructure, and expansion of parking are planned.

**JUSTIFICATION:** MARC Train service is at capacity and with additional demand created by growth in the MARC corridors, including BRAC, additional capacity is needed.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA  Project Outside PFA; Subject to Exception
- Grandfathered  Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Funding decreased \$13.6 million to fund immediate system preservation needs.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009			FOR PLANNING PURPOSES ONLY					
			2010	2011	.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	1,467	765	702	0	0	0	0	0	702	0
Engineering	635	17	318	300	0	0	0	0	618	0
Right-of-way	150	0	150	0	0	0	0	0	150	0
Construction	100,700	0	0	1,000	1,000	0	51,000	47,700	100,700	0
<b>Total</b>	<b>102,952</b>	<b>782</b>	<b>1,170</b>	<b>1,300</b>	<b>1,000</b>	<b>0</b>	<b>51,000</b>	<b>47,700</b>	<b>102,170</b>	<b>0</b>
Federal-Aid	69,310	564	376	920	0	0	29,962	37,488	68,746	0

1209, 1263, 1264, 1292, 1298, 1306



**STATUS:** Construction underway.

**PROJECT:** Paul S. Sarbanes Transit Center

**DESCRIPTION:** Construct transit center at the Silver Spring Metrorail Station. It includes the construction of bus bays for Metrobus and Ride On, an intercity bus facility, a taxi queue area, kiss and ride parking and MARC platforms with connecting pedestrian bridge and elevator towers. Provision is also made for a future Purple Line Station and a hiker/biker trail. MARC platform relocation completed as Phase I at this station under a transit-oriented development (TOD) agreement between WMATA and a private developer, with a portion of the site reserved for future high-rise office, residential and hotel towers.

**JUSTIFICATION:** Consolidating transit services at a single location in Silver Spring will improve efficiency and ease of use. Proposed high density TOD development should increase ridership of MARC, Metrorail and Bus. The project will support the ongoing revitalization of downtown Silver Spring.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Purple Line -- Line 42

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Funding increased \$9.4 million due to revised construction estimates and project delays.

<u>POTENTIAL FUNDING SOURCE:</u>		<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER					
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2012....	....2013....	....2014....	....2015....		
Planning	825	825	0	0	0	0	0	0	0	0
Engineering	7,688	7,675	13	0	0	0	0	0	13	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	86,270	5,628	31,134	48,000	1,508	0	0	0	80,642	0
<b>Total</b>	<b>94,783</b>	<b>14,128</b>	<b>31,147</b>	<b>48,000</b>	<b>1,508</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80,655</b>	<b>0</b>
Federal-Aid	53,556	10,891	24,918	17,747	0	0	0	0	42,665	0

**USAGE:** An average of 688 MARC boardings per day occurred during CY 2008.

Project total reflects \$27 million in local contribution from Montgomery County.  
0254



**STATUS:** Phase I is complete. Engineering for Phase II is underway and will be completed in the current fiscal year. Construction to begin in current fiscal year pending final approval from Amtrak.

**PROJECT:** MARC Halethorpe Station Improvements

**DESCRIPTION:** Phase I of the project provided an additional 428 surface parking spaces at the Halethorpe MARC Station. Phase II includes installation of high level platforms, a pedestrian bridge, new shelters, lighting, landscaping and improved ADA access.

**JUSTIFICATION:** Insufficient station parking results in commuters parking along US 1 and within adjacent residential communities. Platform and access improvements will improve service and reduce boarding times.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** None.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
TOTAL										
Planning	302	302	0	0	0	0	0	0	0	0
Engineering	2,718	2,518	200	0	0	0	0	0	200	0
Right-of-way	1,693	1,693	0	0	0	0	0	0	0	0
Construction	20,081	3,702	3,312	9,000	4,067	0	0	0	16,379	0
Total	24,794	8,215	3,512	9,000	4,067	0	0	0	16,579	0
Federal-Aid	16,065	5,489	2,809	7,200	567	0	0	0	10,576	0

**USAGE:** An average of 1,245 MARC boardings per day occurred during CY 2008.



**STATUS:** Biennial freight bridge and culvert inspection underway. Eastern Shore bridge structural repairs underway. Design for Delaware culvert rehabilitations underway, construction to occur during budget fiscal year.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Funding increased \$3.8 million to ensure required system preservation inspections and rehabilitations are performed to adhere to FRA safety regulations.

**PROJECT:** Freight Bridge Rehabilitation

**DESCRIPTION:** Funding for the inspection and rehabilitation of State-owned freight bridges. Bridges are regularly analyzed as to their structural condition and prioritized for improvements based upon safety, capacity, economic necessity and available funding.

**JUSTIFICATION:** On-going rehabilitation of freight bridges is necessary for safe and efficient operations. These freight operations are essential to the economic welfare of the areas they serve.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	4,240	1,834	606	400	350	350	350	350	2,406	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	14,582	6,712	1,960	1,600	1,770	1,270	770	500	7,870	0
<b>Total</b>	<b>18,822</b>	<b>8,546</b>	<b>2,566</b>	<b>2,000</b>	<b>2,120</b>	<b>1,620</b>	<b>1,120</b>	<b>850</b>	<b>10,276</b>	<b>0</b>
Federal-Aid	0	0	0	0	0	0	0	0	0	0



**STATUS:** Five grade crossings are to be rehabilitated in Kent and Queen Anne's Counties in the current fiscal year. Eight grade crossings to be funded under SHA's ARRA program are to be rehabilitated in Kent, Queen Anne's and Caroline Counties.

**PROJECT:** Freight Line Grade Crossing Rehabilitation

**DESCRIPTION:** Rehabilitate grade crossings on freight lines throughout the State.

**JUSTIFICATION:** This is a system preservation and safety enhancement effort maintaining a smooth traffic flow at freight railroad crossings throughout the State.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** None.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY		
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	484	397	12	15	15	15	15	15	87	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	6,097	1,747	1,100	650	650	650	650	650	4,350	0
Total	6,581	2,144	1,112	665	665	665	665	665	4,437	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



**STATUS:** Specification development underway. Overhaul to begin in budget year.

**PROJECT:** Light Rail Vehicle Mid-Life Overhaul

**DESCRIPTION:** Perform a mid-life overhaul of the Light Rail fleet. A 15-year inspection and overhaul of the major and sub-assemblies of the Light Rail fleet of 53 vehicles will be performed. The effort will also involve identifying and replacing obsolete parts and improving vehicle performance. Project also supports ongoing overhauls of systems to ensure reliability and safety.

**JUSTIFICATION:** Major overhaul of the Light Rail Vehicles and upgrades of selected systems will ensure safe operation, reduce ongoing maintenance costs, increase vehicle reliability and availability, and increase passenger comfort and security.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Increase of \$71.4 million in construction and engineering, which represents the full cost of completing the project.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2012.....	.....2013.....	.....2014.....	.....2015.....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	1,747	1,192	336	219	0	0	0	0	555	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	139,885	5,561	3,400	7,700	20,735	25,625	25,625	34,050	117,135	17,189	
Total	141,632	6,753	3,736	7,919	20,735	25,625	25,625	34,050	117,690	17,189	
Federal-Aid	79,459	3,371	1,888	4,426	16,380	20,500	19,821	13,073	76,088	0	



**STATUS:** Phase 1 complete. Phase 2 underway.

**PROJECT:** Light Rail Vehicle Overhaul and Body Refurbishment

**DESCRIPTION:** Phase 1 included repair and/or replacement of major components of the 53 vehicle fleet. Phase 2 includes body repair, rust abatement and repainting.

**JUSTIFICATION:** Exterior refurbishment is needed to achieve full 30-year vehicle life as well as maintain quality environment for patrons.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Project moved to the Construction Program from the System Preservation Minors program.

POTENTIAL FUNDING SOURCE:											
				<input checked="" type="checkbox"/>	SPECIAL	<input checked="" type="checkbox"/>	FEDERAL	<input type="checkbox"/>	GENERAL	<input type="checkbox"/>	OTHER
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2012.....	.....2013.....	.....2014.....	.....2015.....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	168	168	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	12,868	12,548	320	0	0	0	0	0	320	0	
Total	13,036	12,716	320	0	0	0	0	0	320	0	
Federal-Aid	2,276	2,276	0	0	0	0	0	0	0	0	



**STATUS:** Construction on the first garage is complete. Construction of second garage will start during current fiscal year.

**PROJECT:** Owings Mills Joint Development

**DESCRIPTION:** Site infrastructure improvements for joint development of the existing 46-acre surface parking lot at Owings Mills Metro Station. Site infrastructure includes replacement parking structures and utilities.

**JUSTIFICATION:** This project will provide state and local economic development benefits while supporting the State's goal to develop areas adjacent to transit stations. The project will also increase ridership through mixed-use development.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** None.

<u>POTENTIAL FUNDING SOURCE:</u>		<input checked="" type="checkbox"/> SPECIAL		<input type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER		
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009			2010	2011	.....2012.....	.....2013.....		
Planning	271	271	0	0	0	0	0	0	0	0
Engineering	439	439	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	31,029	17,043	6,993	6,993	0	0	0	0	13,986	0
Total	31,739	17,753	6,993	6,993	0	0	0	0	13,986	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

Funding reflects \$13.1 million contribution from Baltimore County.  
0057



**STATUS:** Mid-life overhaul is complete. Five and ten-year overhauls are ongoing.

**PROJECT:** Metro Railcar Overhauls

**DESCRIPTION:** Overhaul of structural elements and systems of 100 Metro railcars. The mid-life overhaul provided for the upgrade and installation of new vehicle systems (propulsion, logic, passenger seating, flooring, audible, and visual announcement system, and new video surveillance system).

**JUSTIFICATION:** On-going overhaul for Metro vehicle subsystems is required to reduce system failures and improve reliability. Repair of critical equipment such as traction motors, gearboxes, axles, and wheels is necessary for system dependability.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

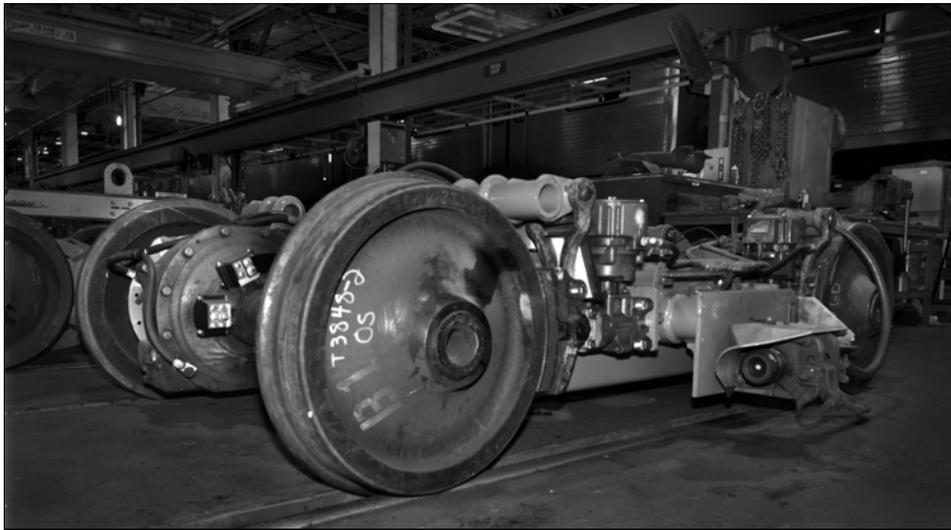
**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Project budget reduced by \$12.6 million due to revised estimates and schedule to reflect available funds.

<u>POTENTIAL FUNDING SOURCE:</u>		<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER					SIX	BALANCE
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
					.....2012.....	.....2013.....	.....2014.....	.....2015.....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	104	104	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	118,770	105,120	2,450	3,700	3,875	2,475	575	575	13,650	0	
Total	118,874	105,224	2,450	3,700	3,875	2,475	575	575	13,650	0	
Federal-Aid	54,649	50,116	185	2,828	0	1,520	0	0	4,533	0	

0091, 0491, 1281



**STATUS:** Construction is underway with initial truck assembly deliveries to occur during current fiscal year.

**PROJECT:** Metro Railcar Truck Assembly Overhaul (ARRA)

**DESCRIPTION:** Five-year overhaul cycle of major equipment to ensure safe and reliable operation of railcars. Truck assemblies, which consist of critical equipment such as traction motors, gearboxes, axles and wheels require overhaul to ensure safe operation and to prevent high failure rate.

**JUSTIFICATION:** Obsolete parts and defective components are in need of repair or replacement to ensure proper operation.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

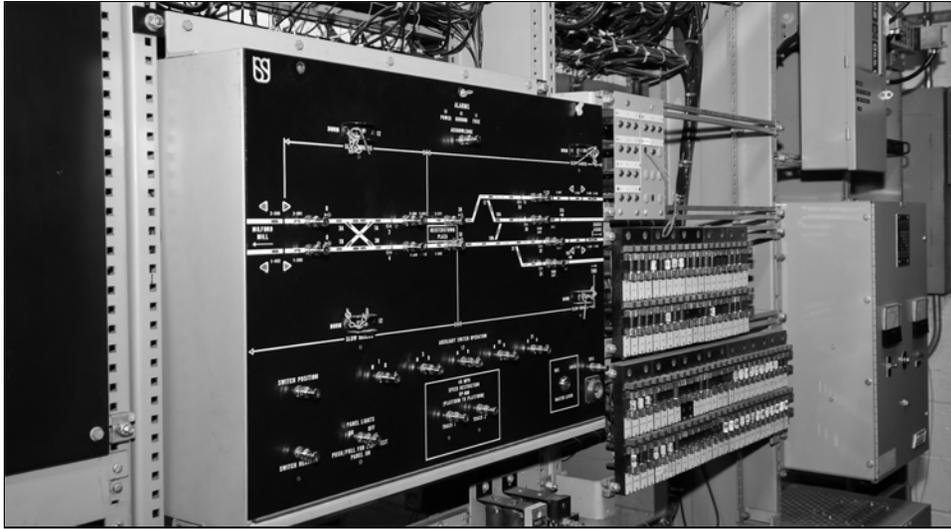
**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Project added to the Construction program due to the addition of ARRA funding.

<u>POTENTIAL FUNDING SOURCE:</u>		<input type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2012.....	.....2013.....	.....2014.....	.....2015.....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	0	0	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	19,500	0	1,900	6,000	7,500	4,100	0	0	19,500	0	
Total	19,500	0	1,900	6,000	7,500	4,100	0	0	19,500	0	
Federal-Aid	19,500	0	1,900	6,000	7,500	4,100	0	0	19,500	0	

#8019 added as an ARRA-related project.  
8019



**STATUS:** Scope of work is under development.

**PROJECT:** Metro Train Control System Upgrade

**DESCRIPTION:** Project will replace the existing train control system. The current electronic components have exceeded recommended industry standard life cycles. The new technology will add reliability and provide new diagnostic capabilities for servicing.

**JUSTIFICATION:** Technology of the original system has reached its end of life cycle. Electronic components of the original design have become very difficult to find and costs for maintaining them have increased.

**SMART GROWTH STATUS:**

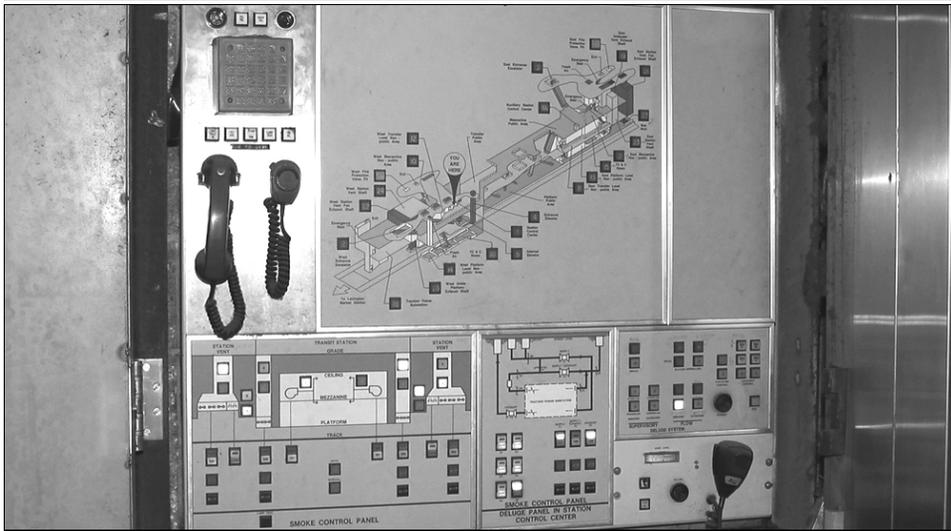
- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Project moved to the Construction Program from the System Preservation Minors Program.

POTENTIAL FUNDING SOURCE:										
				<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER			
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	925	0	170	755	0	0	0	0	925	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	24,125	0	0	0	15,048	3,342	4,275	1,460	24,125	0
Total	25,050	0	170	755	15,048	3,342	4,275	1,460	25,050	0
Federal-Aid	3,268	0	0	604	0	2,664	0	0	3,268	0



**STATUS:** Under construction.

**PROJECT:** Metro Fire and Security Management Systems

**DESCRIPTION:** The project will modernize the Life Safety and Supervisory Control and Data Acquisition (SCADA) systems and replace the obsolete control center systems required to manage the overall Metro SCADA function. This effort will affect the existing fire detection and management system with the associated station ventilation and smoke removal systems, the SCADA system for the primary control of passenger station security, smoke and fire suppression systems, and the motor controls for the ventilation and smoke removal electric fan motors.

**JUSTIFICATION:** The existing SCADA system is nearing the end of its useful life. A new system will provide enhanced life safety functionality.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2012.....	.....2013.....	.....2014.....	.....2015.....			
Planning	201	201	0	0	0	0	0	0	0	0	
Engineering	4,872	4,872	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	74,087	43,137	16,250	10,200	4,500	0	0	0	30,950	0	
Total	79,160	48,210	16,250	10,200	4,500	0	0	0	30,950	0	
Federal-Aid	45,287	27,953	5,580	8,160	3,594	0	0	0	17,334	0	



**STATUS:** Construction on latest phase began during the current fiscal year.

**PROJECT:** Metro Electrical Substation Improvements

**DESCRIPTION:** Overhaul and improvements to electrical substations used to supply power to Metro trains. Includes equipment compartments, switch gear controls, flooring, power supply panels and electrical connections.

**JUSTIFICATION:** Environmental elements and normal wear have degraded the condition of major Metro electrical power supply equipment. The service life of the existing equipment has already been exceeded and repair, refurbishment or replacement is necessary to ensure reliability and safety.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Project moved to the Construction Program from the System Preservation Minors Program.

<u>POTENTIAL FUNDING SOURCE:</u>		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	403	403	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	12,058	6,190	2,117	3,121	630	0	0	0	5,868	0
Total	12,461	6,593	2,117	3,121	630	0	0	0	5,868	0
Federal-Aid	6,118	3,622	0	2,496	0	0	0	0	2,496	0



**STATUS:** Engineering underway for Rogers Avenue interlocking. Remaining three sites are under evaluation.

**PROJECT:** Metro Interlocking Renewals

**DESCRIPTION:** Complete rebuild of four track interlockings on the Metro system, including locations at State Center, Rogers Avenue, Old Court and Milford Mill stations. Work includes replacement of ballast, ties, rails and electrical components.

**JUSTIFICATION:** Interlockings allow trains to cross from one track to another using turnouts and are important for operations. Replacements are necessary to correct general degradation and wear and to ensure safety.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Project moved to the Construction Program from the System Preservation Minors Program.

POTENTIAL FUNDING SOURCE:											
				<input checked="" type="checkbox"/>	SPECIAL	<input checked="" type="checkbox"/>	FEDERAL	<input type="checkbox"/>	GENERAL	<input type="checkbox"/>	OTHER
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2012.....	.....2013.....	.....2014.....	.....2015.....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	1,760	260	400	600	200	100	100	100	1,500	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	10,100	0	0	4,800	0	0	0	5,300	10,100	0	
<b>Total</b>	<b>11,860</b>	<b>260</b>	<b>400</b>	<b>5,400</b>	<b>200</b>	<b>100</b>	<b>100</b>	<b>5,400</b>	<b>11,600</b>	<b>0</b>	
Federal-Aid	2,927	167	0	2,520	0	80	80	80	2,760	0	



**STATUS:** Replacement of 100 40-foot buses is underway.

**PROJECT:** Bus Procurement (ARRA)

**DESCRIPTION:** Annual purchase of clean diesel hybrid electric buses to replace those that have been in service for 12 or more years.

**JUSTIFICATION:** Bus replacement levels are based on the fleet size age to prevent high out-of-service rates and major repair problems that arise from retaining buses beyond their useful life. Replacement buses are hybrid electric which reduces emissions and noise levels.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Project increased \$43 million due to an increase in federal funds, the addition of fiscal year 2015 and ARRA funding.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2012.....	.....2013.....	.....2014.....	.....2015.....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	225	225	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	344,868	110,663	66,214	26,990	38,510	45,783	28,925	27,783	234,205	0	
Total	345,093	110,888	66,214	26,990	38,510	45,783	28,925	27,783	234,205	0	
Federal-Aid	245,075	58,075	53,271	21,590	30,783	36,626	23,140	21,590	187,000	0	

#8001 added as an ARRA-related project.  
0299, 0464, 0509, 0518, 1172, 1226, 8001



**STATUS:** Design and construction to begin during budget fiscal year.

**PROJECT:** Bus On-Board Closed Circuit Television Retrofit

**DESCRIPTION:** The project will retrofit 541 buses purchased between 1998 and 2006 with an on-board wireless closed circuit television (CCTV) system that will be compatible with the system being procured for new buses. The new system will link to various system components such as vehicle monitoring, automatic vehicle location (AVL), voice announcements and passenger counters.

**JUSTIFICATION:** The retrofit will bring the remaining bus fleet up to the same state of the art security and monitoring system levels as those on the 2008 through 2009 buses.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Project moved to the Construction Program from the System Preservation Minors Program.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009			2010	2011	.....2012.....	.....2013.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	400	0	400	0	0	0	0	0	400	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	10,570	0	1,300	2,030	5,000	2,240	0	0	10,570	0
Total	10,970	0	1,700	2,030	5,000	2,240	0	0	10,970	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



**STATUS:** Procurement underway.

**PROJECT:** Mobility Vehicle Procurement

**DESCRIPTION:** Procurement of paratransit services vehicles for service expansion and vehicle replacement.

**JUSTIFICATION:** Mobility vehicles are required to meet service demand and adhere to performance standards. An increase in vehicles is required to maintain established service benchmarks for ontime performance, travel time and schedule compliance.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Vehicle procurement was reduced \$6.5 million to reflect fleet requirements.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	39,653	25,053	6,100	3,050	4,450	1,000	0	0	14,600	0
Total	39,653	25,053	6,100	3,050	4,450	1,000	0	0	14,600	0
Federal-Aid	11,094	4,294	0	2,440	3,560	800	0	0	6,800	0

**USAGE:** Service demand increased 13% in FY2009 compared to FY2008.



**STATUS:** Installation of fare collection equipment is complete. Smart card testing underway. Implementation of credit card acceptance at ticket vending machines is underway.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Cost increased \$7.9 million for the CharmCard implementation.

**PROJECT:** Replacement of Fare Collection Equipment and Implement Smart Card

**DESCRIPTION:** Replace existing fare collection equipment on Bus, Light Rail and Metro Subway with automatic fare collection equipment which includes the implementation of smart card technology and credit card readers on the rail systems. The project also includes the implementation of a customer service center to support the MTA and Washington Region transit properties.

**JUSTIFICATION:** The new fare collection equipment will increase the efficiency of operations, reduce fraud, improve data collection and enhance reliability. The smart card technology will allow faster passenger loading on bus and rail, and more accurate ridership numbers.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009			2010	2011	.....2012.....	.....2013.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	386	386	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	101,121	85,491	8,030	7,600	0	0	0	0	15,630	0
Total	101,507	85,877	8,030	7,600	0	0	0	0	15,630	0
Federal-Aid	17,775	17,775	0	0	0	0	0	0	0	0



**STATUS:** Procurement underway.

**PROJECT:** Intercounty Connector Buses

**DESCRIPTION:** Purchase Motor Coaches to provide express bus service on the ICC when complete.

**JUSTIFICATION:** Will be used to provide a projected 4,400 new express bus trips annually.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

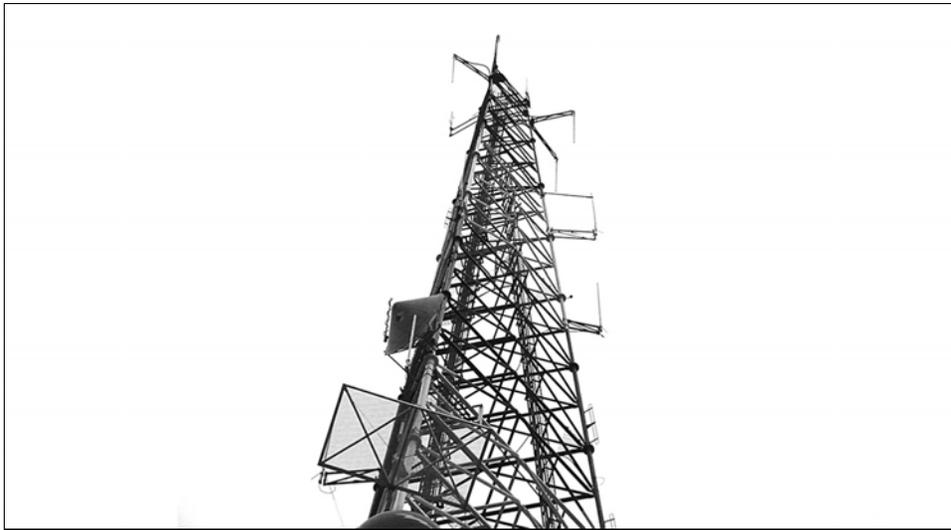
**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** New Project.

POTENTIAL FUNDING SOURCE: <input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL									
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	10,000	0	10,000	0	0	0	0	0	10,000	0
Total	10,000	0	10,000	0	0	0	0	0	10,000	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

Project funded by MdTA.  
1377



**PROJECT:** Trunked Radio Site Locations

**DESCRIPTION:** Construct additional radio communication system sites in Owings Mills, Cub Hill and Jacobsville.

**JUSTIFICATION:** The additional trunked radio system sites will enhance radio coverage for MTA Operations and Maintenance activities, as well as Police, thereby increasing safety and reliability.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**STATUS:** Initial three locations at Mays Chapel, Westview and TV Hill are complete. Sites at Owings Mills, Cub Hill and Jacobsville are to begin during current fiscal year.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Project moved to the Construction Program from the System Preservation Minors Program.

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	699	699	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	11,422	6,222	3,400	1,800	0	0	0	0	5,200	0
<b>Total</b>	<b>12,121</b>	<b>6,921</b>	<b>3,400</b>	<b>1,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,200</b>	<b>0</b>
Federal-Aid	4,024	425	2,722	877	0	0	0	0	3,599	0



**STATUS:** Installation of the CAD/AVL system is nearly complete. Installation of next vehicle arrival signs is underway.

**PROJECT:** CAD/AVL Systems

**DESCRIPTION:** The Computer-Aided Dispatch and Automated Vehicle Location (CAD/AVL) project provides radio data channel expansion to improve bus fleet's voice and data communication. It includes upgrades to the existing CAD/AVL system hardware and software as well as upgrading obsolete vehicle equipment with state of the art replacements. Also included are the design and construction of electronic signs to aid patrons with bus arrival information at 200 bus stop locations.

**JUSTIFICATION:** The procurement of an updated and enhanced CAD/AVL system, together with the expanded data channel and installation of 200 Next Vehicle Arrival signs, will improve the operational efficiency of the bus fleet. These efforts will improve customer service by providing real time management and scheduling adherence.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** None.

POTENTIAL FUNDING SOURCE:											
				<input checked="" type="checkbox"/>	SPECIAL	<input checked="" type="checkbox"/>	FEDERAL	<input type="checkbox"/>	GENERAL	<input type="checkbox"/>	OTHER
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2012.....	.....2013.....	.....2014.....	.....2015.....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	144	144	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	12,496	10,496	1,500	500	0	0	0	0	2,000	0	
Total	12,640	10,640	1,500	500	0	0	0	0	2,000	0	
Federal-Aid	1,136	1,136	0	0	0	0	0	0	0	0	



**STATUS:** Installation of cameras at Phase I locations is complete. Phase II installation is underway.

**PROJECT:** Closed Circuit Television (CCTV) Improvements

**DESCRIPTION:** Installation of CCTV equipment in stations and maintenance facilities. Phase I of the project included 1 Light Rail and 10 Metro locations. Phase II includes additional work at 4 Metro, 1 MARC and 5 Light Rail Stations as well as the Metro Portal.

**JUSTIFICATION:** The CCTV system will provide effective surveillance of MTA stations and maintenance facilities for Homeland Security-related purposes. Sites are prioritized on a systemwide threat vulnerability assessment.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** None.

POTENTIAL FUNDING SOURCE:										
				<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER			
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	217	17	200	0	0	0	0	0	200	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	19,878	12,728	5,850	1,300	0	0	0	0	7,150	0
Total	20,095	12,745	6,050	1,300	0	0	0	0	7,350	0
Federal-Aid	10,435	9,395	0	1,040	0	0	0	0	1,040	0



**STATUS:** Prince Frederick is scheduled to begin construction in budget fiscal year. Waldorf, Dunkirk and Charlotte Hall are scheduled to begin during FY 2012.

**PROJECT:** Southern Maryland Commuter Bus Initiative

**DESCRIPTION:** Construction of Commuter Bus Park and Ride lots at Dunkirk, Prince Frederick, Waldorf, LaPlata and Charlotte Hall in Southern Maryland.

**JUSTIFICATION:** Southern Maryland has been identified as one of the fastest growing regions in Maryland. The project will assist in keeping up with demand for commuter parking which continues to grow as more people move into the region.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Increased \$1.5 million due to refinements in construction estimates for Waldorf, Charlotte Hall and Dunkirk.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	3,901	3,690	211	0	0	0	0	0	211	0
Engineering	2,437	1,088	1,324	25	0	0	0	0	1,349	0
Right-of-way	4,882	1,982	2,100	800	0	0	0	0	2,900	0
Construction	26,616	16	2,000	14,100	10,100	400	0	0	26,600	0
<b>Total</b>	<b>37,836</b>	<b>6,776</b>	<b>5,635</b>	<b>14,925</b>	<b>10,100</b>	<b>400</b>	<b>0</b>	<b>0</b>	<b>31,060</b>	<b>0</b>
Federal-Aid	26,346	4,197	4,508	11,940	5,701	0	0	0	22,149	0

1035, 1036, 1037, 1038, 1041



**STATUS:** Funds are awarded based on an annual application cycle.

**PROJECT:** Locally Operated Transit Systems Capital Procurement Projects (Local Jurisdictions) (ARRA)

**DESCRIPTION:** Funding to rural and small jurisdictions for transit vehicles, equipment and facilities. In addition, the MTA provides rideshare funds to Baltimore City, Anne Arundel, Baltimore, Calvert, Carroll, Frederick, Harford, Howard, Montgomery and Prince George's Counties and the Tri-County Council for Southern Maryland to promote the use of carpools and vanpools. MTA facilitates federal funds for locally-sponsored projects.

**JUSTIFICATION:** Intense use of equipment and increased service demand requires regular vehicle replacement and expansion as well as adequate support facilities providing reliable maintenance service. The ridesharing program provides citizens with information on expanded commute options and provides companies with technical expertise needed to meet federal clean air requirements.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA  Project Outside PFA; Subject to Exception
- Grandfathered  Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Locally Operated Transit Systems FY 2009 and Prior -- Line 54

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Funding increased \$40 million due to addition of ARRA projects and refinement of cash flows.

<u>POTENTIAL FUNDING SOURCE:</u>		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER			
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2012.....	.....2013.....	.....2014.....	.....2015.....			
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	24,893	15,525	1,618	1,550	1,550	1,550	1,550	1,550	9,368	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	213,550	80,508	35,739	44,939	13,091	13,091	13,091	13,091	133,042	0	
Total	238,443	96,033	37,357	46,489	14,641	14,641	14,641	14,641	142,410	0	
Federal-Aid	210,871	77,264	35,005	44,846	13,439	13,439	13,439	13,439	133,607	0	

#8020, 8021, 8022, 8023 and 8024 added as ARRA-related projects.

0045, 0211, 0217, 0218, 0826, 0828, 0878, 0885, 1143, 1144, 1150, 1184, 1238, 1261, 1300, 1347, 1348, 8020, 8021, 8022, 8023, 8024



**PROJECT:** Capital Program Assistance to Private Non-Profit Agencies for the Transportation of the Elderly and Persons with Disabilities

**DESCRIPTION:** Grant program to provide funding to private non-profit agencies for the transportation of the elderly and persons with disabilities.

**JUSTIFICATION:** Program supports the State's goal of providing transportation services to the elderly and persons with disabilities.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA  Project Outside PFA; Subject to Exception
- Grandfathered  Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Locally Operated Transit Systems FY 2009 and Prior -- Line 54

**STATUS:** Funds are awarded based on an annual application cycle. A detailed list of FY 2009 Non-Profit Agencies receiving vehicles in current fiscal year is provided in Line 53.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Funding decreased by \$4.6 million due to latest cash flow projections.

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX	BALANCE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	.....2012....	.....2013....	.....2014....	.....2015....	YEAR TOTAL	TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	33,306	15,806	1,875	3,125	3,125	3,125	3,125	3,125	17,500	0
Total	33,306	15,806	1,875	3,125	3,125	3,125	3,125	3,125	17,500	0
Federal-Aid	27,906	13,906	1,500	2,500	2,500	2,500	2,500	2,500	14,000	0



**STATUS:** Funds are awarded on an annual basis for local bus replacements.

**PROJECT:** Montgomery County Local Bus Program

**DESCRIPTION:** Funding for annual bus replacement and preventive maintenance.

**JUSTIFICATION:** These investments will make the Ride On bus system more convenient while improving passenger access to the Metrorail system.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Funding increased by \$4.6 million due to the addition of fiscal year 2015 and cash flow refinements.

<u>POTENTIAL FUNDING SOURCE:</u>		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	TOTAL				PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	FOR PLANNING PURPOSES ONLY					
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	51,786	34,546	7,240	2,000	2,000	2,000	2,000	2,000	17,240	0
<b>Total</b>	<b>51,786</b>	<b>34,546</b>	<b>7,240</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>17,240</b>	<b>0</b>
Federal-Aid	10,805	2,805	0	1,600	1,600	1,600	1,600	1,600	8,000	0



**STATUS:** Funding is awarded on an annual basis for bus replacements.

**PROJECT:** Prince George's County Local Bus Program

**DESCRIPTION:** Funding for annual bus replacement.

**JUSTIFICATION:** These investments will make The Bus system more convenient while improving passenger access to the Metrorail system.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** None.

POTENTIAL FUNDING SOURCE:										
				<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER			
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	8,327	4,707	1,120	500	500	500	500	500	3,620	0
Total	8,327	4,707	1,120	500	500	500	500	500	3,620	0
Federal-Aid	2,000	0	0	400	400	400	400	400	2,000	0



**STATUS:** Washington Boulevard Bus Maintenance facility roof construction will begin in current fiscal year. Additional repairs are ongoing based upon priority plan.

**PROJECT:** Agencywide Roof Replacement (ARRA)

**DESCRIPTION:** Repair or replacement of roofs on MTA facilities.

**JUSTIFICATION:** Repairs are needed to stop leaks, increase energy efficiency and extend service life.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Project moved to the Construction Program from the System Preservation Minors Program.

POTENTIAL FUNDING SOURCE:										
	<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,343	642	201	100	100	100	100	100	701	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	18,583	1,925	5,600	7,058	1,000	1,000	1,000	1,000	16,658	0
Total	19,926	2,567	5,801	7,158	1,100	1,100	1,100	1,100	17,359	0
Federal-Aid	15,584	1,126	4,000	6,938	880	880	880	880	14,458	0

#8002 is an ARRA-related project.  
0300, 8002



**STATUS:** Demolition project to occur during current fiscal year. Project planning for new lot is underway.

**PROJECT:** MARC West Baltimore Station Parking Expansion (ARRA)

**DESCRIPTION:** Construct additional parking spaces at the West Baltimore MARC Station in Baltimore City. Phase I is for the demolition of structures to prepare for the parking expansion.

**JUSTIFICATION:** Parking demand regularly exceeds the capacity of the existing 326 space lot. Expanded lot will accommodate ridership growth and reduce overflow parking in adjacent communities. Lot will be designed to accommodate the proposed Red Line as well as transit oriented development.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

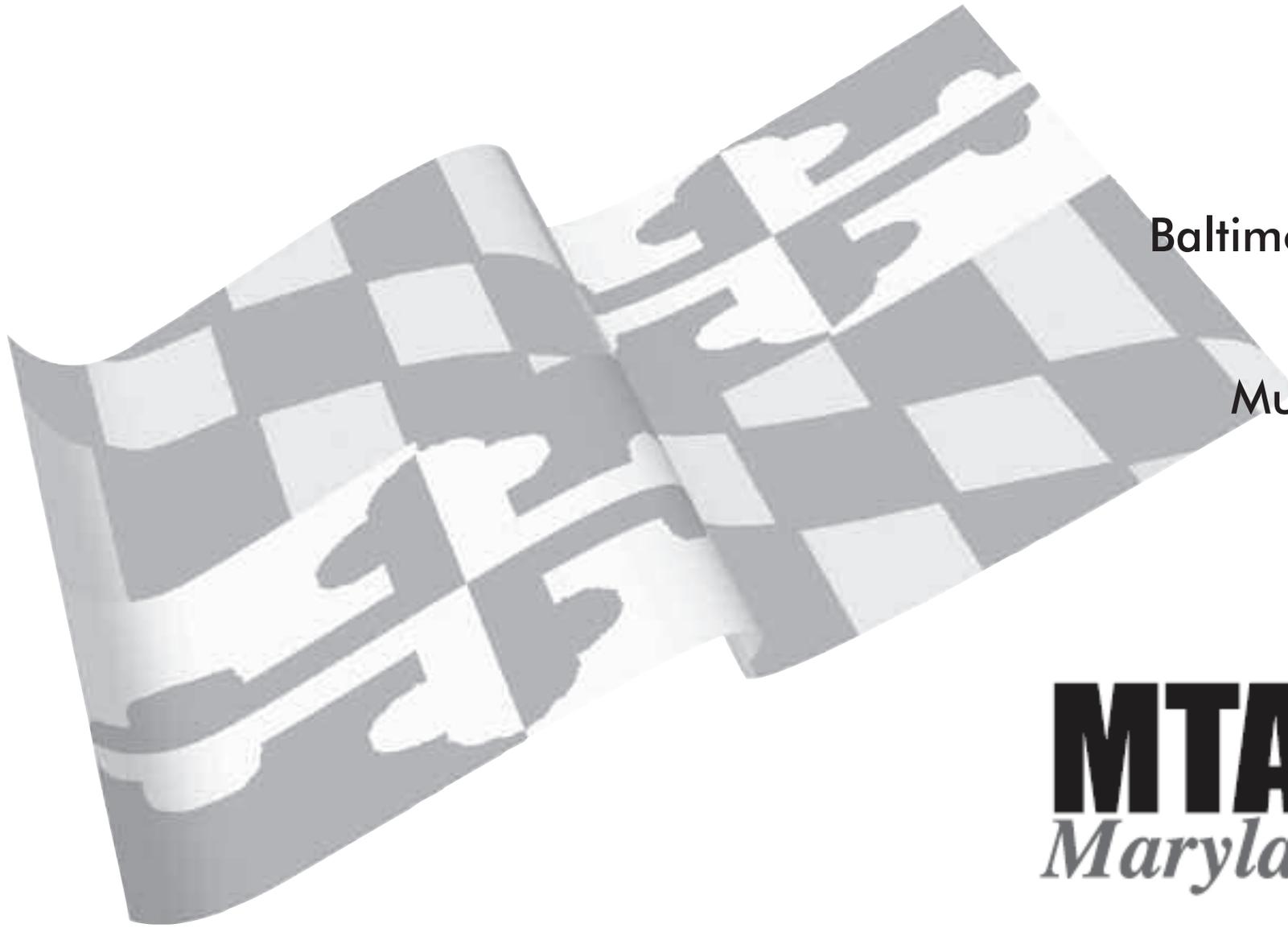
None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Moved from Development and Evaluation Program to the Construction Program. Cost increased \$10.3 million due to addition of construction phase and ARRA funding.

POTENTIAL FUNDING SOURCE:											
				<input checked="" type="checkbox"/>	SPECIAL	<input checked="" type="checkbox"/>	FEDERAL	<input type="checkbox"/>	GENERAL	<input type="checkbox"/>	OTHER
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2012.....	.....2013.....	.....2014.....	.....2015.....			
Planning	769	269	200	300	0	0	0	0	500	0	
Engineering	1,150	0	150	400	600	0	0	0	1,150	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	8,975	44	2,350	456	6,125	0	0	0	8,931	0	
Total	10,894	313	2,700	1,156	6,725	0	0	0	10,581	0	
Federal-Aid	9,288	232	2,660	1,016	5,380	0	0	0	9,056	0	

**USAGE:** An average of 748 MARC boardings per day occurred during CY 2008.

#8013 added as an ARRA-related project.  
1089, 8013



MARC

Light Rail

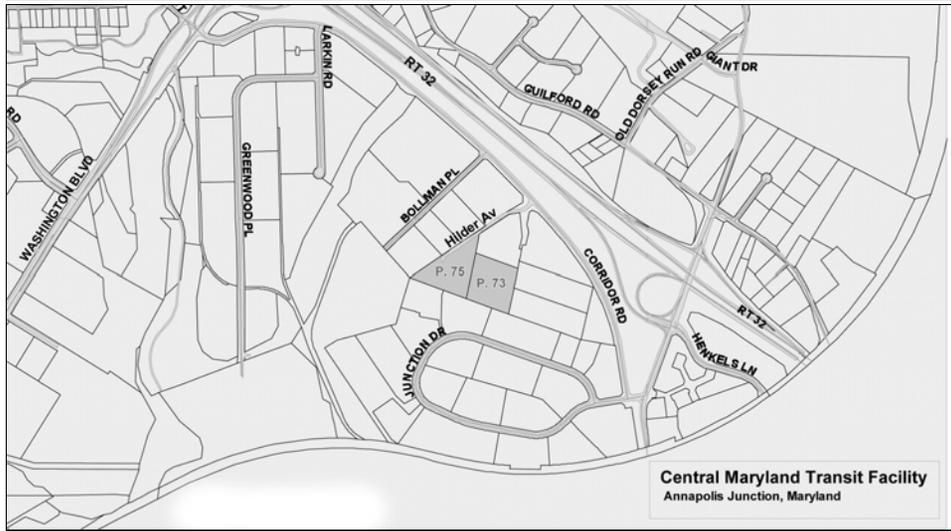
Baltimore Metro

Bus

Multi-Modal



**MTA DEVELOPMENT & EVALUATION PROJECTS**



**STATUS:** Howard and Anne Arundel Counties are working jointly on the project. Howard County has lead responsibility. Project planning is underway.

**PROJECT:** Central Maryland Transit Maintenance Facility

**DESCRIPTION:** Planning and design of a publicly-owned bus transit maintenance facility to support transit operations in Howard County, western Anne Arundel County and the City of Laurel. This is a BRAC related project.

**JUSTIFICATION:** The project will reduce operating costs, associated with the maintenance support function, and support local bus service in the Ft. Meade area.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

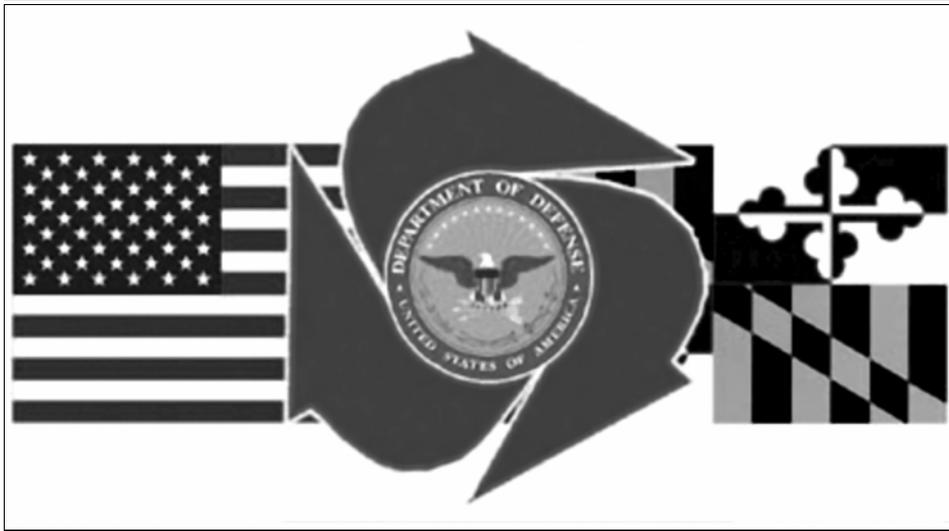
**ASSOCIATED IMPROVEMENTS:**

Assessment of Transit Needs for Maryland Base Realignment and Closure -- Line 37

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Project moved from Development and Evaluation Program to the Construction Program. Project increased \$2.8 million to utilize federal earmark.

<u>POTENTIAL FUNDING SOURCE:</u>		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	2,101	0	0	2,101	0	0	0	0	2,101	0
Right-of-way	5,000	0	5,000	0	0	0	0	0	5,000	0
Construction	1,219	0	0	1,219	0	0	0	0	1,219	0
<b>Total</b>	<b>8,320</b>	<b>0</b>	<b>5,000</b>	<b>3,320</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,320</b>	<b>0</b>
Federal-Aid	6,656	0	4,000	2,656	0	0	0	0	6,656	0

A \$5.5 million FTA earmark to Howard County along with matching funds from Howard and Anne Arundel Counties will be applied towards total estimated project cost of \$24.26 million.



**STATUS:** BRAC Commuter Bus Study complete. Coordination with BRAC bases and local jurisdictions is ongoing.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** None.

**PROJECT:** Assessment of Transit Needs for Maryland Base Realignment and Closure

**DESCRIPTION:** Assess transit needs related to the proposed BRAC assignments and prepare proposals to address identified needs. Focus will be on Ft Meade, Bethesda, Aberdeen, Fort Detrick and Andrews AFB. This is a BRAC related project.

**JUSTIFICATION:** Central Maryland is expected to experience additional growth due to BRAC. Funding is provided to study transit improvements needed to support additional travel demand.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

- MARC Edgewood Station -- Line 6
- Central Maryland Transit Maintenance Facility D & E -- Line 36
- MARC Riverside Maintenance Facility -- Line 45

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009			YEAR 2010	YEAR 2011	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY		
Planning	2,044	1,344	200	100	100	100	100	100	700	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	2,044	1,344	200	100	100	100	100	100	700	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



**STATUS:** Project planning phase is complete. Project design started during current fiscal year.

**PROJECT:** Kirk Bus Division D & E

**DESCRIPTION:** The existing 60-year old Kirk Division will be replaced with a modern facility on an expanded site. The new facility will be able to accommodate buses of all types.

**JUSTIFICATION:** Existing facility is 60 years old and does not support efficient, effective bus operations. The replacement facility will be able to handle the newer generation of transit buses more efficiently. Present neighborhood concerns regarding noise and air quality will also be addressed.

**SMART GROWTH STATUS:**

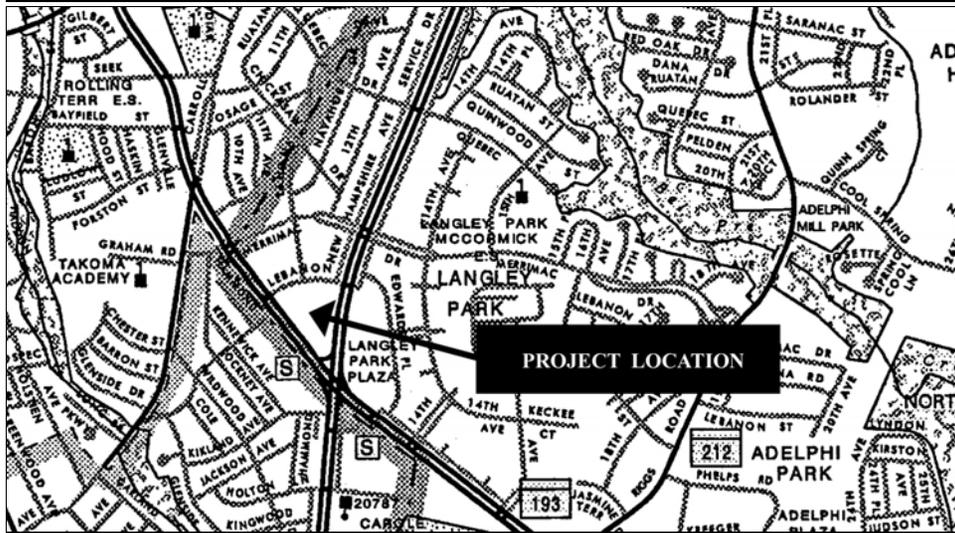
- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Funding increased \$5.9 million due mainly to addition of engineering phase.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	TOTAL EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	2,982	2,882	100	0	0	0	0	0	100	0
Engineering	5,608	108	2,400	3,100	0	0	0	0	5,500	0
Right-of-way	2,456	2,456	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>11,046</b>	<b>5,446</b>	<b>2,500</b>	<b>3,100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,600</b>	<b>0</b>
Federal-Aid	4,435	1,955	0	2,480	0	0	0	0	2,480	0



**PROJECT:** Takoma/Langley Park Transit Center

**DESCRIPTION:** Construction of an off-street covered transit center at the intersection of MD 193 and MD 650 in the Takoma/Langley Park community. Associated SHA improvements include roadway and intersection improvements, pedestrian safety measures, and new sidewalks and crosswalks. Project includes 12 bus bays to provide service for 11 bus routes, passenger shelters, public restroom facilities, a canopy over the entire facility and transit information services.

**JUSTIFICATION:** This area is the busiest transit transfer point, outside a rail station in the region, with 11 Metrobus, Ride On, The Bus and shuttle van routes. The project will also address pedestrian safety issues. The project will accommodate a future station and connection to the Purple Line.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

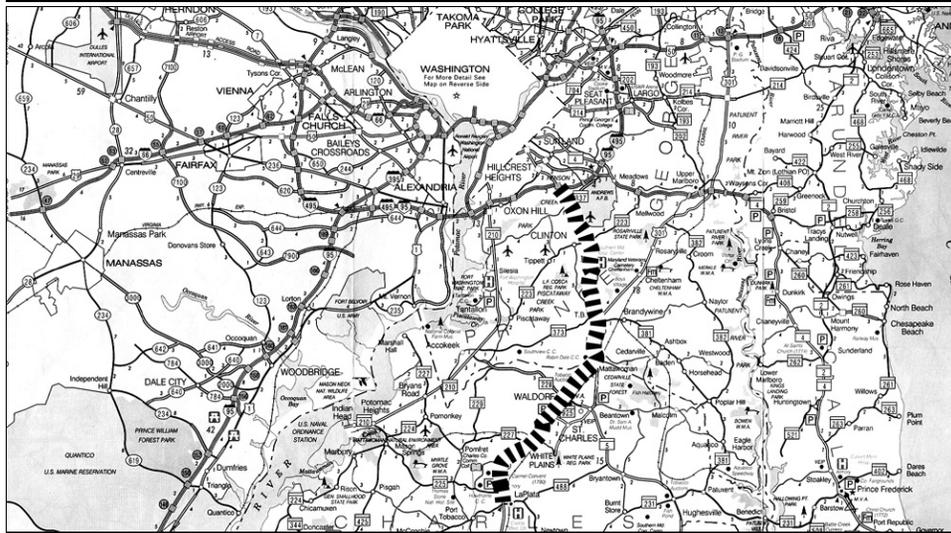
Purple Line -- Line 42

**STATUS:** Project design is currently underway. Construction of the intersection and roadway improvements by SHA are complete. Negotiations for right-of-way acquisition are ongoing.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Moved from the Construction Program to the Development and Evaluation Program.

POTENTIAL FUNDING SOURCE:		<input type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	760	457	303	0	0	0	0	0	303	0
Engineering	3,120	332	618	2,170	0	0	0	0	2,788	0
Right-of-way	9,250	0	0	9,250	0	0	0	0	9,250	0
Construction	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>13,130</b>	<b>789</b>	<b>921</b>	<b>11,420</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,341</b>	<b>0</b>
Federal-Aid	818	0	409	409	0	0	0	0	818	0

Montgomery County (\$2.5 million), Prince Georges County (\$2.5 million), and Maryland Transportation Infrastructure Investment Funding (TIIF) revenues through WMATA (\$7.31 million) are providing \$12.31 million towards the project cost.



**STATUS:** Corridor preservation study to be completed during current fiscal year.

**PROJECT:** Southern Maryland Mass Transportation Analysis

**DESCRIPTION:** Planning activities to identify and protect an alignment for future development of high-capacity transit services in the US 301/MD 5 corridor from White Plains to the Branch Avenue Metrorail Station.

**JUSTIFICATION:** Continued growth in Southern Maryland has created high levels of traffic congestion in the US 301/MD 5 corridor. Planning is needed to determine the role of a high capacity transit service in the corridor.

**SMART GROWTH STATUS:**

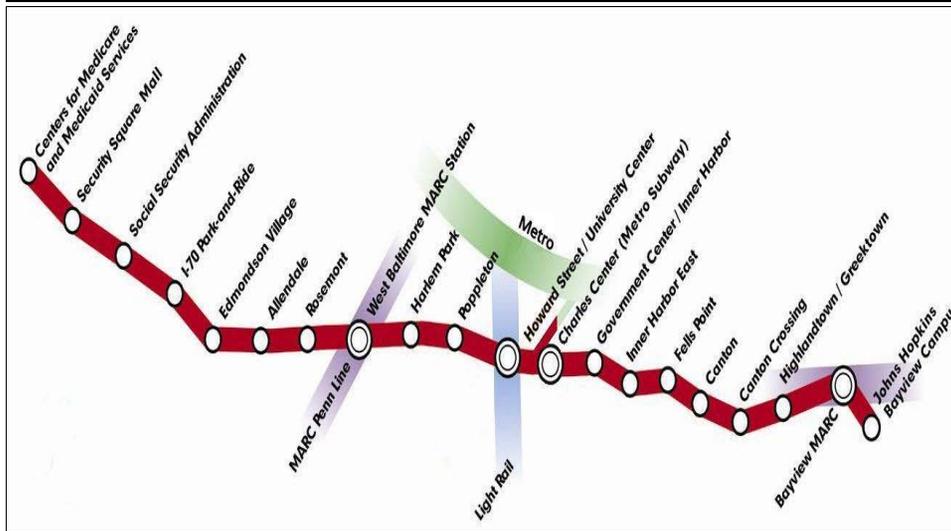
- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2012.....	.....2013.....	.....2014.....	.....2015.....			
Planning	1,796	1,426	370	0	0	0	0	0	370	0	
Engineering	0	0	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	0	0	0	0	0	
<b>Total</b>	<b>1,796</b>	<b>1,426</b>	<b>370</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>370</b>	<b>0</b>	
Federal-Aid	1,022	726	296	0	0	0	0	0	296	0	



**STATUS:** New Starts application to be submitted during current fiscal year.

**PROJECT:** Red Line

**DESCRIPTION:** The Red Line is a 14-mile, east-west, light rail transit (LRT) line in a corridor that comprises Baltimore County's Woodlawn employment and commercial centers, the residential areas of West Baltimore, including Edmondson Village and the Uplands; the downtown Baltimore Central Business District (CBD), including the University of Maryland Medical System and nearby tourist attractions; residential, retail and commercial points in Harbor East, Fells Point, Canton and Highlandtown; and employment and medical institutions at the Johns Hopkins Bayview campus in east Baltimore City.

**JUSTIFICATION:** The Red Line will improve transit mobility in an east-west corridor of the Baltimore region. This project is intended to address traffic congestion, provide better connectivity to existing transit service, support new and future transit-oriented economic development and revitalization efforts and address regional air quality issues. The Red Line will provide connection to MARC, Light Rail and Metro.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

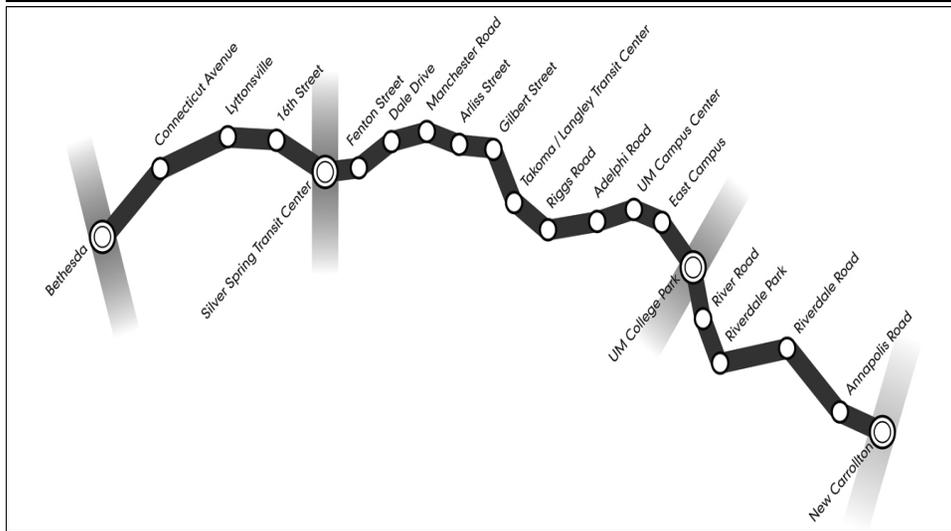
None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Funding has been advanced to support completion of Preliminary Engineering.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	65,534	32,034	14,500	19,000	0	0	0	0	33,500	0
Engineering	53,241	0	0	10,000	29,570	0	0	0	39,570	13,671
Right-of-way	44,000	0	0	0	0	0	0	0	0	44,000
Construction	54,914	0	0	0	0	0	0	0	0	54,914
<b>Total</b>	<b>217,689</b>	<b>32,034</b>	<b>14,500</b>	<b>29,000</b>	<b>29,570</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>73,070</b>	<b>112,585</b>
Federal-Aid	108,201	13,335	9,288	14,500	14,785	0	0	0	38,573	56,293

Funding is contingent upon successful entry into the New Starts program.

0862



**STATUS:** New Starts application to be submitted during current fiscal year.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** Funding has been advanced to support completion of Preliminary Engineering.

**PROJECT:** Purple Line

**DESCRIPTION:** 16-mile transitway between New Carrollton and Bethesda Metrorail Stations. The locally preferred alternative has 21 proposed stations traveling through four major activity centers. It would connect riders to Metrorail, MARC, Amtrak, and regional and local bus services. Also, the Purple Line would provide a 4.2-mile pedestrian/bicycle trail along the transitway between the Bethesda and Silver Spring central business districts (CBDs). Transit ridership is estimated at 64,800 daily boardings.

**JUSTIFICATION:** The Purple Line would serve a highly congested corridor in Prince George's and Montgomery Counties connecting the Metrorail Red, Green and Orange lines to key employment, residential and institutional destinations. This transit line also connects the MARC Brunswick, Camden and Penn lines as well as Amtrak at New Carrollton. In addition, the Purple Line connects to existing regional and local bus services.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

- Paul S. Sarbanes Transit Center -- Line 8
- Takoma/Langley Park Transit Center -- Line 39

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER		
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	57,071	30,571	12,000	14,500	0	0	0	0	26,500	0
Engineering	60,500	0	0	10,000	24,613	0	0	0	34,613	25,887
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>117,571</b>	<b>30,571</b>	<b>12,000</b>	<b>24,500</b>	<b>24,613</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>61,113</b>	<b>25,887</b>
Federal-Aid	65,612	20,015	8,097	12,250	12,307	0	0	0	32,654	12,943

Funding is contingent upon successful entry into the New Starts program.



**PROJECT:** Green Line Corridor Transit Study

**DESCRIPTION:** The Green Line Corridor Transit Alternatives Analysis Study will address potential alignment and modal alternatives to provide service to Northeast Baltimore City and Baltimore County. The study entails public involvement, environmental screening, right-of-way assessment, ridership forecasts, capital and annual operating cost evaluation, assessment of social/cultural impacts and projection of transit economic development benefits and impacts.

**JUSTIFICATION:** The Green Line is projected to improve mobility in Northeast Baltimore City, improve travel time and modal access, support the market for future transit-oriented economic development and revitalization efforts, and address regional air quality issues.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**STATUS:** Scoping meetings were held late Spring 2008. Project planning is on hold.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** None.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL		CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2009			FOR PLANNING PURPOSES ONLY					
			2010	2011	.....2012.....	.....2013.....	.....2014.....	.....2015.....		
Planning	3,312	3,137	175	0	0	0	0	0	175	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	3,312	3,137	175	0	0	0	0	0	175	0
Federal-Aid	1,524	1,524	0	0	0	0	0	0	0	0



**STATUS:** Preliminary engineering to begin during current fiscal year following selection of a locally preferred alternative.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** None.

**PROJECT:** Corridor Cities Transitway (CCT)

**DESCRIPTION:** Transit portion of a multi-modal corridor study to consider transit and highway improvements in the I-270/US 15 corridor in Montgomery and Frederick Counties from Shady Grove Metro Station to I-70. The Corridor Cities Transitway (CCT) would be either a light rail transit (LRT) or bus rapid transit (BRT) line along a 14-mile corridor from Rockville through Quince Orchard, Gaithersburg and Germantown to Clarksburg. Another option under study is "premium bus" service along proposed I-270 High Occupancy Vehicle (HOV)/managed lanes.

**JUSTIFICATION:** The purpose and need for the project is to relieve congestion and improve safety due to existing and projected growth within the I-270/US 15 Corridor. The CCT would also enhance mobility by serving existing and future transit-oriented land uses in the corridor.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

- SHA - I-70/I-270 Interchange
- SHA - I-70, MD 85 Extended and MD 355 Relocated
- SHA - MD 80 and MD 355 Relocated
- SHA - I-70, Mt. Phillip Road to MD 144

<u>POTENTIAL FUNDING SOURCE:</u>		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2012.....	.....2013.....	.....2014.....	.....2015.....			
Planning	11,190	4,684	3,506	3,000	0	0	0	0	6,506	0	
Engineering	37,000	0	0	2,000	10,000	10,000	10,000	0	32,000	5,000	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	0	0	0	0	0	
<b>Total</b>	<b>48,190</b>	<b>4,684</b>	<b>3,506</b>	<b>5,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>0</b>	<b>38,506</b>	<b>5,000</b>	
Federal-Aid	23,535	731	2,804	2,500	5,000	5,000	5,000	0	20,304	2,500	

Funding is contingent upon successful entry into the New Starts program.



**STATUS:** Project on hold.

**PROJECT:** MARC Riverside Maintenance Facility

**DESCRIPTION:** Acquire the CSX Riverside Maintenance Facility for development into a MARC maintenance facility. Cost includes right-of-way acquisition and property improvements.

**JUSTIFICATION:** Acquisition of facility will allow more control over maintenance schedules, support subcontracting aspects of MARC operations in the future as well as address the vehicle maintenance needs in order to meet current and future ridership.

**SMART GROWTH STATUS:**

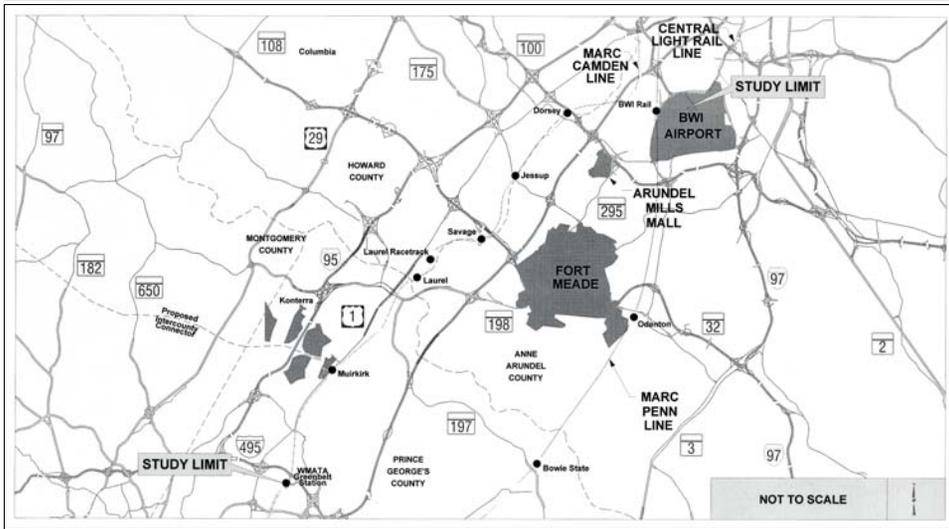
- Project Not Location Specific or Location Not Determined
- Project Within PFA  Project Outside PFA; Subject to Exception
- Grandfathered  Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Assessment of Transit Needs for Maryland Base Realignment and Closure --Line 37

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** None.

POTENTIAL FUNDING SOURCE:											
				<input checked="" type="checkbox"/>	SPECIAL	<input checked="" type="checkbox"/>	FEDERAL	<input type="checkbox"/>	GENERAL	<input type="checkbox"/>	OTHER
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2012.....	.....2013.....	.....2014.....	.....2015.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0	0
Right-of-way	153	153	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Total	153	153	0	0	0	0	0	0	0	0	0
Federal-Aid	29	29	0	0	0	0	0	0	0	0	0



**STATUS:** Project complete.

**PROJECT:** Baltimore-Washington Investment Corridor

**DESCRIPTION:** Complete transit market analysis to identify and recommend short and long term transit service needs and system investments.

**JUSTIFICATION:** This study will facilitate transit investment decision-making in a corridor, with multiple factors potentially affecting transit service demand, including BRAC development, ICC construction and BWI-Thurgood Marshall Airport growth.

**SMART GROWTH STATUS:**

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Project Outside PFA; Subject to Exception
- Grandfathered
- Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2009 - 14 CTP:** None.

<u>POTENTIAL FUNDING SOURCE:</u>		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input type="checkbox"/> OTHER			
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2009	CURRENT YEAR 2010	BUDGET YEAR 2011	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2012.....	.....2013.....	.....2014.....	.....2015.....			
Planning	131	131	0	0	0	0	0	0	0	0	
Engineering	0	0	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	0	0	0	0	0	0	0	0	0	0	
<b>Total</b>	<b>131</b>	<b>131</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	



MARC

Freight

Light Rail

Baltimore Metro

Bus

Agency Wide

Locally Operated Transit Systems



**MTA MINOR PROJECTS**

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND TRANSIT ADMINISTRATION - LINE 47**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>AGENCYWIDE IMPROVEMENTS -- FY 2010 AND PRIOR</u></b>			
1	Police Dispatching, Communications and Reporting Management (1163 )	1,334	Complete
2	Wheaton CBD Intermodal Access (1271 )	510	Complete
3	Operations Plan for Metro and Light Rail (1354 )	110	Complete
4	Howard Street Revitalization D & E (1207 )	3,744	Underway
5	Engineering Management System (1204 )	1,542	Underway
6	Non-Revenue Vehicles (1079 )	902	Underway
7	Parking Lot Inspection & Repaving (0177, 0470 )	1,165	Underway
8	Scheduling System (0513 )	4,922	Underway
9	MAXIMO (1168 )	1,188	Underway
10	Homeland Security - 2007 (1342 )	9,005	Underway
11	Washington Blvd Building Improvements (1247 )	5,990	Underway
12	Owner-Controlled Insurance Program (0832 )	486	Underway
13	Bridge, Tunnel and Corrosion Inspection Services Program (0608, 0752 )	1,434	Underway
14	Bethesda Metro Entrance D&E (1269 )	5,207	Underway
15	Southern Maryland Stadium Parking (1274 )	2,265	Underway
16	Baltimore Intercity Bus Terminal (1235 )	5,214	Underway
17	Telephone Communications Systems (0493 )	3,001	Underway
18	Capital Program Support Fund (1239 )	2,212	Underway
19	Fare Collection Facilities and Equipment (1094, 1329 )	1,649	Underway
20	Environmental Compliance (1149 )	3,964	Underway
21	Miscellaneous Planning Studies (0510 )	709	Underway
22	Northern District Police Facility Relocation D & E (1324 )	1,960	Underway
23	Strategic and Other Transit Studies (0221, 1213 )	500	Underway
24	Homeland Security - 2006 (1240 )	5,160	Underway
25	Rail Purchase (0660 )	2,496	Underway
26	Lexington Market Transit Improvement/West Side Development (1060 )	7,212	Underway
27	Safety & Infrastructure Improvements (1070 )	250	Underway
28	New IT Equipment (1103 )	993	Underway
29	ADA Compliance (0266 )	1,000	Underway
30	Transit Facilities Improvements (ARRA) (0447, 8025 )	3,328	Ongoing

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND TRANSIT ADMINISTRATION - LINE 47 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>AGENCYWIDE IMPROVEMENTS -- FY 2011</u></b>			
31	Safety and Infrastructure Improvements (1070 )	250	Summer, 2010
32	Owner-Controlled Insurance Program (0832 )	600	Summer, 2010
33	Bridge & Tunnel Inspection and Corrosion Control Services (0608, 0752 )	1,017	Summer, 2010
34	Strategic and Other Transit Studies (0221, 1213 )	500	Summer, 2010
35	Capital Program Support Fund (1239 )	1,119	Summer, 2010
36	Non-Revenue Vehicles (1079 )	500	Summer, 2010
37	Parking Lot Inspection & Repaving (0177, 0470 )	1,000	Summer, 2010
38	New IT Equipment (1103 )	565	Summer, 2010
39	Fare Collection Equipment Preservation Fund (1329 )	1,000	Summer, 2010
40	Environmental Compliance (1149 )	2,250	Summer, 2010
41	ADA Compliance (0266 )	800	Summer, 2010
42	Miscellaneous Planning Studies (0510 )	573	Summer, 2010

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND TRANSIT ADMINISTRATION - LINE 48**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>BUS SYSTEM IMPROVEMENTS -- FY 2010 AND PRIOR</u></b>			
1	Automatic Passenger Counters (1241 )	100	Complete
2	Division Maintenance Facility Ventilation Improvements (1073 )	2,400	Underway
3	Fuel/Fluids Management System (1120 )	1,979	Underway
4	Northwest Yard Repaving (1179 )	897	Underway
5	Wireless LAN D & E (1210 )	659	Underway
6	Operators' Seat Replacement (1122 )	484	Underway
7	Maintenance Support Improvement Fund (0554 )	500	Underway
8	Maintenance Electrical & Mechanical Equipment (ARRA) (1078, 1276, 8027 )	2,150	Underway
9	Systemwide Improvements and Rehabilitation (0547, 0849, 1148 )	975	Underway
10	Facilities Rehabilitation (0193, 1076, 1180 )	5,816	Underway
11	Bus Lifts (1096 )	600	Underway
<b><u>BUS SYSTEM IMPROVEMENTS -- FY 2011</u></b>			
12	Bus Lifts (1096 )	350	Summer, 2010
13	Maintenance Electrical & Mechanical Equipment (ARRA) (1078, 8027 )	4,600	Summer, 2010
14	Systemwide Improvements and Rehabilitation (0547, 0849, 1148 )	2,095	Summer, 2010
15	Maintenance Support Improvement Fund (0554 )	1,500	Summer, 2010
16	Facilities Rehabilitation (0193, 1076 )	1,215	Summer, 2010

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND TRANSIT ADMINISTRATION - LINE 49**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>FREIGHT IMPROVEMENTS -- FY 2010 AND PRIOR</u></b>			
1	Freight/LTR Rail Abandonment (1100 )	462	Underway
2	Dorchester County Airport Expansion D & E (1191 )	124	Underway
3	Capital Improvement Program (0590 )	2,860	Underway
<b><u>FREIGHT IMPROVEMENTS -- FY 2011</u></b>			
4	Capital Improvement Program (0590 )	100	Summer, 2010
5	Freight/LTR Rail Abandonment (1100 )	462	Fall, 2010

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND TRANSIT ADMINISTRATION - LINE 50**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>LIGHT RAIL IMPROVEMENTS -- FY 2010 AND PRIOR</u></b>			
1	Howard Street Safety Improvements (0489 )	848	Complete
2	Yard Switches Conversion (ARRA) (0451, 8028 )	1,183	Complete
3	Signal Priority (1142 )	2,545	Underway
4	Signage Upgrades (ARRA) (8004 )	500	Underway
5	PA/LED Signs Replacements (1294 )	1,640	Underway
6	Railroad Worker Protection Equipment (1364 )	800	Underway
7	Balance Weight Assembly (1254 )	500	Underway
8	Parking Expansion (ARRA) (0871, 8003 )	3,417	Underway
9	Rail Installation (0797 )	400	Underway
10	Light Rail Enhancements (0790 )	3,441	Underway
11	Substation Installations (ARRA) (0341, 8005, 8026 )	12,478	Underway
12	Norfolk-Southern Lead Track Rehabilitation (1340 )	653	Underway
13	Drainage Improvements (0856 )	893	Underway
14	Bridge Preservation (0248, 1279 )	765	Underway
15	Light Rail Vehicle Cameras D & E (1211 )	310	Underway
16	Electrical Equipment Overhaul and Upgrade (1185, 1187 )	1,100	Underway
17	Facilities and Station Rehabilitation (0005, 0870, 1189, 1227 )	2,796	Underway
18	Grade Crossing Repair (1048 )	325	Underway
<b><u>LIGHT RAIL IMPROVEMENTS -- FY 2011</u></b>			
19	Facilities and Station Rehabilitation (0005 )	1,000	Summer, 2010
20	Grade Crossing Repair (1048 )	750	Summer, 2010
21	Rail Installation (0797 )	400	Summer, 2010
22	Bridge Preservation (0248, 1279 )	395	Summer, 2010
23	PA/LED Signs Replacement (1294 )	4,515	Summer, 2010

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND TRANSIT ADMINISTRATION - LINE 51**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>MARC IMPROVEMENTS -- FY 2010 AND PRIOR</u></b>			
1	Miscellaneous Facility Improvements and Rehabilitation (0199, 1098, 1308 )	4,133	Underway
2	MARC Parking Needs Study D & E (1363 )	300	Underway
3	East Baltimore and Martins Evaluation D & E (1217 )	200	Underway
4	Laurel Station Rehabilitation (ARRA) (8006 )	2,100	Underway
5	System Preservation Fund (0634 )	1,750	Underway
6	Parking Lot Improvements (1006 )	120	Underway
7	BWI Garage Repairs (1358 )	681	Underway
8	PA/LED Signs (0430 )	6,567	Underway
9	Seat Replacement (1284 )	4,038	Underway
10	Passenger Warning System @ CSX Stations (0420 )	3,138	Underway
11	Public Address System (ARRA) (8011 )	6,489	Underway
12	Martins Yard Improvements (ARRA) (8009 )	400	Underway
13	Aberdeen Station Enhancements (1182 )	275	Underway
14	Muirkirk Retaining Wall (ARRA) (8012 )	182	Underway
<b><u>MARC IMPROVEMENTS -- FY 2011</u></b>			
15	Miscellaneous Facility Improvements and Rehab. (0199 )	900	Fall, 2010
16	System Preservation Fund (0634 )	2,000	Fall, 2010
17	Parking Lot Improvements (1006 )	760	Fall, 2010

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND TRANSIT ADMINISTRATION - LINE 52**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>METRO IMPROVEMENTS -- FY 2010 AND PRIOR</u></b>			
1	Halon Gas Replacement (ARRA) (8029 )	522	
2	Rail Shop Equipment Improvements (0838 )	2,707	Complete
3	Rail Inspection Program D & E (0194 )	1,526	Complete
4	Communications Control Console Replacement (1244 )	1,104	Complete
5	Tunnel and Underground Station Repairs (ARRA) (8017 )	3,900	Underway
6	PA/LED Signs (1295 )	1,051	Underway
7	Twin Block Tie Replacement (0368 )	250	Underway
8	Station Renovations (ARRA) (8016 )	5,000	Underway
9	Rail Fastener and Bolt Replacement (ARRA) (0455, 8014 )	7,937	Underway
10	Station Emergency Telephones (1288 )	3,557	Underway
11	Train Control Systems (0840 )	50	Underway
12	Roof Replacements (1258 )	1,000	Underway
13	Rail Installation Program D & E (0868 )	3,247	Underway
14	Miscellaneous System Preservation Improvements (0179, 1186 )	2,650	Underway
15	Bridge & Elevated Structures Rehab. Fund (ARRA) (0239, 8018 )	1,125	Underway
16	Station Communication and Control Booth Rebuilds (1259 )	2,400	Underway
17	Miscellaneous Facility Upgrades (1282 )	2,000	Underway
18	Parking Lot Lighting (1316 )	700	Underway
19	Miscellaneous Facility Improvements (1293 )	211	Underway
20	Replacement of Street Gratings (1178 )	2,886	Underway
21	Public Address System (ARRA) (8015 )	5,326	Underway
22	Tunnel Structural Repairs (0529, 1318 )	220	Underway
<b><u>METRO IMPROVEMENTS -- FY 2011</u></b>			
23	Miscellaneous System Preservation Improvements (0179, 1186 )	3,225	Summer, 2010
24	Tunnel Structural Repairs (0529, 1318 )	245	Summer, 2010
25	Bridge & Elevated Structures Rehab. Fund (ARRA) (0239, 8018 )	2,400	Summer, 2010
26	Twin Block Tie Replacement (0368 )	250	Summer, 2010
27	Roof Replacements (1258 )	1,100	Summer, 2010

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND TRANSIT ADMINISTRATION - LINE 52 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
28	<p><u>METRO IMPROVEMENTS -- FY 2011 (cont'd)</u></p> <p>Train Control Systems (0840 )</p>	300	Spring, 2011

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND TRANSIT ADMINISTRATION - LINE 53**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>MOBILITY IMPROVEMENTS -- FY 2010 AND PRIOR</u></b>			
1	New Centralized Mobility Facility D & E (1146 )	688	Complete
2	Mobility Communications Systems (1194 )	125	Underway
3	Mobility Data Backup and Communications Systems (1165 )	778	Underway
4	Mobility Miscellaneous Improvements Fund (1166 )	810	Underway
<b><u>MOBILITY IMPROVEMENTS -- FY 2011</u></b>			
5	Mobility Miscellaneous Improvements Fund (1166 )	600	Summer, 2010
6	Mobility Communications Systems (1194 )	125	Fall, 2010

**LOCALLY OPERATED TRANSIT SYSTEMS**

**MARYLAND TRANSIT ADMINISTRATION -- LINE 54**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>LOCALLY OPERATED TRANSIT SYSTEMS</u></b>			
<b><u>ALLEGANY COUNTY FY 2009 AND PRIOR</u></b>			
7	2 Small Replacement & 1 Expansion Bus (ARRA)	160	Complete
8	Capital Maintenance Items (ARRA)	20	Complete
9	Maintenance - Components	12	Complete
10	Maintenance Equipment	32	Complete
11	Maintenance/Support Vehicle	30	Complete
12	Preventive Maintenance	120	Complete
13	Small Buses for Non-Profits	200	Complete
14	2 Medium Replacement Buses	260	Underway
15	Computer Equipment (ARRA)	10	Underway
16	Facilities Improvements & Rehabilitation	218	Underway
17	Facilities Renovation Electrical System (ARRA)	85	Underway
18	Medium High Floor 30' Bus Replacement (ARRA)	134	Underway
19	Preventative Maintenance (ARRA)	250	Underway
20	Rehab/Renovate Office (ARRA)	10	Underway
21	Shop Equipment (ARRA)	1	Underway
22	Vehicle Shelter (ARRA)	200	Spring, 2010
23	Video Surveillance System for Vehicles (ARRA)	68	Spring, 2010
<b><u>ALLEGANY COUNTY FY 2010</u></b>			
24	Facilities Expansion (ARRA)	35	Underway
25	Small buses to Non-profits	56	Underway
26	Roof Replacement (ARRA)	28	FY 2010
<b><u>ANNE ARUNDEL COUNTY FY 2009 AND PRIOR</u></b>			
27	2 Medium Low-Floor 30' Bus - Expansion (ARRA)	388	Underway
28	Computer Equipment for Non-Profits (ARRA)	120	Underway
29	Department of Aging ITS	363	Underway
30	Small buses to Non-profits	98	Underway
31	Bicycle Equipment	2	Fall, 2010
32	On Board Communications	2	Fall, 2010

**LOCALLY OPERATED TRANSIT SYSTEMS**

**MARYLAND TRANSIT ADMINISTRATION -- LINE 54 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u></b>			
<b><u>CITY OF ANNAPOLIS FY 2009 AND PRIOR</u></b>			
33	1 Replacement Trolley (ARRA)	591	Winter, 2010
34	Support Vehicle	50	Winter, 2010
35	3 Replacement Trolleys	993	Complete
36	Facilities Maintenance	5	Complete
37	Preventive Maintenance	100	Complete
38	4 Medium Replacement Buses	978	Underway
39	5 Replacement Transit Buses (ARRA)	1,643	Underway
40	Bicycle Equipment	4	Underway
41	Maintenance Equipment	27	Underway
42	On Board Communications	10	Underway
43	Preventive Maintenance (ARRA)	75	Underway
44	Supplemental Funding-Heavy Duty Bus Replacement	175	Underway
45	Technology - Computers	16	Underway
46	Safety & Security - Facility	53	Summer, 2010
<b><u>CITY OF ANNAPOLIS FY 2010</u></b>			
47	Design/Build Covered Storage Facility	150	Winter, 2010
48	Portable Radios	13	Winter, 2010
49	Bike Rack for Replacement Bus	2	Spring, 2010
50	Farebox for Replacement Bus	1	Spring, 2010
51	Mobile Column Lift	334	Spring, 2010
<b><u>BALTIMORE COUNTY FY 2009 AND PRIOR</u></b>			
52	2 Small Expansion Buses	132	Complete
53	Small Buses to Non-Profits	214	Complete
54	Technology - Software	72	Complete
<b><u>BALTIMORE COUNTY FY 2010</u></b>			
55	Small Buses to Non-Profits	120	Complete

**LOCALLY OPERATED TRANSIT SYSTEMS**

**MARYLAND TRANSIT ADMINISTRATION -- LINE 54 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u></b>			
<b><u>CALVERT COUNTY FY 2009 AND PRIOR</u></b>			
56	1 Small Expansion Bus (ARRA)	65	Complete
57	3 Small Replacement Buses	186	Complete
58	Maintenance Equipment	42	Complete
59	2 Medium Low-Floor 30' Bus Replacements (ARRA)	406	Underway
60	GPS/Vehicle Tracking System (ARRA)	13	Underway
61	Passenger Amenities	2	Underway
62	Passenger Equipment (ARRA)	2	Underway
63	Safety & Security - Passenger Equipment	4	Underway
64	Shop Equipment (ARRA)	6	Underway
65	Electronic Fare Collection System (ARRA)	220	Spring, 2010
66	Passenger Amenities (ARRA)	15	Spring, 2010
67	Facility Improvements	744	Fall, 2010
<b><u>CALVERT COUNTY FY 2010</u></b>			
68	Bus Wash Facility	826	Winter, 2010
<b><u>CAROLINE COUNTY FY 2009 AND PRIOR</u></b>			
69	Safety & Security -- Passenger Amenities (ARRA)	8	Winter, 2010
70	Support Vehicle (ARRA)	25	Winter, 2010
71	Surveillance Equipment (ARRA)	100	Winter, 2010
72	Two-way Radios (ARRA)	23	Winter, 2010
73	1 Medium Replacement Bus	130	Complete
74	1 Small Replacement Bus	62	Complete
75	1 Small Replacement Bus (ARRA)	62	Complete
76	4 Small Replacement Buses	232	Complete
77	Support Vehicle	25	Complete
78	1 Medium Low-Floor 30' Replacement Bus (ARRA)	112	Underway
79	Maintenance Equipment	57	Underway
80	Vehicles for Non-profits	145	Underway
81	Office Equipment	30	Spring, 2010

**LOCALLY OPERATED TRANSIT SYSTEMS**

**MARYLAND TRANSIT ADMINISTRATION -- LINE 54 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u></b>			
<b><u>CARROLL COUNTY FY 2009 AND PRIOR</u></b>			
82	Bus Painting (ARRA)	75	Winter, 2010
83	Maintenance Equipment	18	Winter, 2010
84	New Lot/Building/Shelters (ARRA)	850	Winter, 2010
85	1 Small Expansion Bus & 4 Small Replacement Buses	310	Complete
86	4 Small Replacement Buses (ARRA)	204	Complete
87	5 Small Replacement Buses	201	Complete
88	Office Furniture (ARRA)	9	Complete
89	Technology - Operations	5	Complete
90	Technology (ARRA)	14	Complete
91	Vehicles to Non-Profit Organizations	110	Complete
92	1 Hybrid Support Vehicles (ARRA)	24	Underway
93	On Board Communications	250	Underway
94	On Board Communications (ARRA)	106	Underway
95	Preventative Maintenance	80	Underway
96	Scheduling Software (ARRA)	260	Underway
97	Small Buses to Non-Profits	45	Underway
<b><u>CARROLL COUNTY FY 2010</u></b>			
98	2 Small Bus 16/2 Replacement	136	Winter, 2010
99	4 Minivans	164	Winter, 2010
100	Computer Software / Hardware	80	Winter, 2010

**LOCALLY OPERATED TRANSIT SYSTEMS**

**MARYLAND TRANSIT ADMINISTRATION -- LINE 54 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u></b>			
<b><u>CECIL COUNTY FY 2009 AND PRIOR</u></b>			
101	Bus Shelter Excavation (ARRA)	12	Winter, 2010
102	Passenger Amenities - Benches and Shelters (ARRA)	12	Winter, 2010
103	2 Small Replacement Buses	127	Complete
104	5 Small Expansion Buses	318	Complete
105	Automated Destination Signs (ARRA)	13	Complete
106	Vehicles to Non-Profit Organizations	150	Complete
107	On Board Communications	83	Underway
108	Preventive Maintenance	210	Underway
109	Small Buses to Non-Profits	56	Underway
110	Diesel Fuel Pumps (ARRA)	138	Spring, 2010
111	Large Bus Storage Facility & Consulting (ARRA)	190	Spring, 2010
112	Safety & Security - Facilities	24	Summer, 2010
<b><u>CECIL COUNTY FY 2010</u></b>			
113	Bike Racks	5	Winter, 2010
114	Bus Equipment	64	Winter, 2010
115	Farebox Vaults	1	Winter, 2010
116	Passenger Amenities (ARRA)	8	Winter, 2010
117	Preventive Maintenance	211	Underway
118	Bus Wraps	35	Spring, 2010

**LOCALLY OPERATED TRANSIT SYSTEMS**

**MARYLAND TRANSIT ADMINISTRATION -- LINE 54 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u></b>			
<b><u>CHARLES COUNTY FY 2009 AND PRIOR</u></b>			
119	Electronic Fare Collection System (ARRA)	230	Winter, 2010
120	On Board Communications	3	Winter, 2010
121	Passenger Facilities	400	Winter, 2010
122	2 Medium Expansion Buses	334	Complete
123	Passenger Facilities	5	Complete
124	Small Buses to Non-Profit Organizations	250	Complete
125	6 Medium Replacement & 6 Expansion Buses	910	Underway
126	7 Medium Low-Floor Replacement Buses (ARRA)	1,442	Underway
127	Small Buses to Non-Profits	51	Underway
128	Passenger Amenities (ARRA)	8	Fall, 2010
<b><u>CHARLES COUNTY FY 2010</u></b>			
129	Portable Lift - ARRA	22	Winter, 2010
<b><u>DORCHESTER COUNTY FY 2009 AND PRIOR</u></b>			
130	1 Medium Replacement Bus	164	Complete
131	2 Small Replacement Buses	124	Complete
132	3 Small Replacement Buses	162	Complete
133	3 Small Replacement Buses (ARRA)	177	Complete
134	Small Buses to Non-Profits	348	Complete
135	ADP Software	11	Underway
136	Computer Hardware	12	Underway
137	Maintenance Equipment	27	Underway
138	Maintenance Supplies & Components	6	Underway
139	Mobility Management - Non-Profits	83	Underway
140	Small Buses to Non-Profits	201	Underway
141	Maintenance Software	2	Summer, 2010
142	Passenger Facilities	30	Summer, 2010

**LOCALLY OPERATED TRANSIT SYSTEMS**

**MARYLAND TRANSIT ADMINISTRATION -- LINE 54 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u></b>			
<b><u>FREDERICK COUNTY FY 2009 AND PRIOR</u></b>			
143	1 Small Expansion Bus	66	Complete
144	5 Small Replacement Buses	305	Complete
145	On Board Communications	185	Complete
146	On Board Equipment	7	Complete
147	Preventive Maintenance	375	Complete
148	2 Hybrid Transit Buses (ARRA)	1,078	Underway
149	6 Large Replacement Buses	1,897	Underway
150	Bicycle Racks	2	Underway
151	Bicycle Racks (ARRA)	5	Underway
152	On Board Equipment (ARRA)	30	Underway
153	Preventive Maintenance (ARRA)	375	Underway
154	Small Buses to Non-Profits	99	Underway
155	Minivan Replacement (ARRA)	26	Spring, 2010
156	Parking Lot Construction (ARRA)	1,242	Spring, 2010
157	Safety & Security - Facilities	16	Spring, 2010
158	Support Vehicle Replacement (ARRA)	27	Spring, 2010
<b><u>FREDERICK COUNTY FY 2010</u></b>			
159	Admin. Facility Expansion D&E	150	Fall, 2010
160	Preventive Maintenance	50	Fall, 2010

**LOCALLY OPERATED TRANSIT SYSTEMS**

**MARYLAND TRANSIT ADMINISTRATION -- LINE 54 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u></b>			
<b><u>GARRETT COUNTY FY 2009 AND PRIOR</u></b>			
161	3 Small Replacement Buses (ARRA)	147	Complete
162	4 Small Replacement Buses & 1 Small Expansion Bus	292	Complete
163	Facilities - Bus Canopies	590	Complete
164	Maintenance Equipment	63	Complete
165	Office Equipment	1	Complete
166	Small Buses to Non-Profits	146	Complete
167	Bus Wash (ARRA)	109	Underway
168	Small Buses to Non-Profits	48	Underway
169	Technology - Software	45	Underway
<b><u>HARFORD COUNTY FY 2009 AND PRIOR</u></b>			
170	12 Heavy Duty Low-Floor Hybrid Expansion Buses (ARRA)	4,212	Winter, 2010
171	2 Medium Duty Low Floor Replacement Buses	420	Complete
172	2 Small Expansion Buses	118	Complete
173	3 Small Replacement Buses (ARRA)	192	Complete
174	5 Medium Replacement Buses	796	Complete
175	7 Small Replacement Buses	434	Complete
176	Maintenance Equipment	4	Complete
177	Preventive Maintenance	50	Complete
178	Small Buses to Non-Profits	189	Complete
179	Technology - Software	5	Complete
180	Bicycle Racks	29	Underway
181	On Board Communications	215	Underway
182	Preventive Maintenance	80	Underway
183	Small Buses to Non-Profits	51	Underway
184	Support Vehicle	15	Underway
<b><u>HARFORD COUNTY FY 2010</u></b>			
185	Preventive Maintenance	100	Fall, 2010

**LOCALLY OPERATED TRANSIT SYSTEMS**

**MARYLAND TRANSIT ADMINISTRATION -- LINE 54 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u></b>			
<b><u>HOWARD COUNTY FY 2009 AND PRIOR</u></b>			
186	1 Small Expansion & 3 Small Replacement Buses	268	Complete
187	Preventive Maintenance	150	Complete
188	Small Buses to Non-Profits	154	Complete
189	1 Hybrid Expansion Bus (ARRA)	540	Underway
190	2 Hybrid Replacement Transit Buses (ARRA)	1,080	Underway
191	2 Small Replacement Buses	132	Underway
192	3 Small Hybrid Replacement Buses (ARRA)	600	Underway
193	6 Hybrid Replacement Buses	480	Underway
194	Passenger Facilities	50	Underway
195	Preventive Maintenance	99	Underway
196	Preventive Maintenance (ARRA)	150	Underway
197	Software to Non-profits	37	Underway
198	Accessibility Improvements	400	Spring, 2010
199	Bus Painting (ARRA)	97	Spring, 2010
200	GPS (ARRA)	13	Spring, 2010
201	Hybrid Transit Bus 30'	350	Spring, 2010
202	On Board Communications	150	Spring, 2010
203	Passenger Amenities (ARRA)	100	Spring, 2010
204	Security Cameras (ARRA)	100	Spring, 2010
<b><u>HOWARD COUNTY FY 2010</u></b>			
205	1 Medium Replacement Bus	210	Fall, 2010
206	2 Small Replacement Buses	133	Fall, 2010
<b><u>KENT COUNTY FY 2009 AND PRIOR</u></b>			
207	(See Caroline County for Projects)		
208	1 Medium Replacement Bus	210	Underway

**LOCALLY OPERATED TRANSIT SYSTEMS**

**MARYLAND TRANSIT ADMINISTRATION -- LINE 54 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u></b>			
<b><u>MONTGOMERY COUNTY FY 2009 AND PRIOR</u></b>			
209	Preventive Maintenance	932	Complete
210	Preventive Maintenance	1,165	Complete
211	Small Vehicles to Non-Profits	150	Complete
212	Up to 9 Replacement Buses	2,859	Complete
213	1 Expansion Transit Bus (ARRA)	344	Underway
214	12 Replacement Hybrid Transit Buses (ARRA)	6,204	Underway
215	Dispatch Software (ARRA)	350	Underway
216	Small Buses to Non-Profits	47	Underway
217	Up to 12 Replacement Transit Buses	3,910	Underway
218	Up to 12 Large Buses	2,688	Spring, 2010
219	Up to 12 Large Buses	2,000	Fall, 2010
<b><u>PRINCE GEORGE'S COUNTY FY 2009 AND PRIOR</u></b>			
220	6 Small Replacement Buses	494	Complete
221	22 Replacement Transit Buses (ARRA)	6,908	Underway
222	Small Buses to Non-Profits	98	Underway
223	Up to 8 Replacement Transit Buses	492	Underway
224	4 Small Expansion Buses	492	Spring, 2010
225	8 Heavy Duty 30' Buses	500	Spring, 2010

**LOCALLY OPERATED TRANSIT SYSTEMS**

**MARYLAND TRANSIT ADMINISTRATION -- LINE 54 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u></b>			
<b><u>QUEEN ANNE'S COUNTY FY 2009 AND PRIOR</u></b>			
226	Computer Equipment (ARRA)	25	Winter, 2010
227	Facility Signage (ARRA)	2	Winter, 2010
228	Maintenance Equipment	2	Winter, 2010
229	Office Furniture (ARRA)	40	Winter, 2010
230	Technology - Computers	2	Winter, 2010
231	Telephone System (ARRA)	2	Winter, 2010
232	1 Small Replacement Bus	58	Complete
233	1 Support Vehicle	25	Complete
234	2 Medium Replacement Buses	316	Complete
235	2 Small Replacement Buses	110	Complete
236	4 Small Replacement Buses (ARRA)	240	Complete
237	Medium Low-Floor Expansion Bus (ARRA)	188	Underway
238	On Board Communications	18	Underway
239	Maintenance Parts (ARRA)	9	Summer, 2010
240	Passenger Facilities	7	Summer, 2010
241	Safety & Security	4	Summer, 2010
<b><u>QUEEN ANNE'S COUNTY FY 2010</u></b>			
242	Vehicle Refurbishment - Engine (ARRA)	9	Winter, 2010

**LOCALLY OPERATED TRANSIT SYSTEMS**

**MARYLAND TRANSIT ADMINISTRATION -- LINE 54 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u></b>			
<b><u>ST. MARY'S COUNTY FY 2009 AND PRIOR</u></b>			
243	Bus Stop Shelter Solar Lights (ARRA)	2	Winter, 2010
244	Concrete Pads (ARRA)	12	Winter, 2010
245	Facilities - Bus Barn	1,107	Winter, 2010
246	On Board Equipment	4	Winter, 2010
247	Passenger Facilities	5	Winter, 2010
248	Shop/Maintenance Equipment (ARRA)	50	Winter, 2010
249	2 Small Buses 16/2 - Replacements (ARRA)	122	Complete
250	8 Small Replacement Vehicles	508	Complete
251	Technology - Computers	3	Complete
252	2 Medium High Floor 30' Buses - Expansion (ARRA)	213	Underway
253	Technology - Software	59	Underway
254	Bus Shelters (5) (ARRA)	30	Spring, 2010
255	Concrete Pades (ARRA)	12	Spring, 2010
256	Solar Lighting Depot & Shelters (ARRA)	27	Spring, 2010
257	Safety & Security - Cameras	13	Summer, 2010
<b><u>SOMERSET COUNTY FY 2009 AND PRIOR</u></b>			
258	Small Buses to Non-Profits	150	Complete
259	Small Buses to Non-Profits	51	Underway
<b><u>TALBOT COUNTY FY 2009 AND PRIOR</u></b>			
260	(See Caroline County for Projects)		

**LOCALLY OPERATED TRANSIT SYSTEMS**

**MARYLAND TRANSIT ADMINISTRATION -- LINE 54 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u></b>			
<b><u>WASHINGTON COUNTY FY 2009 AND PRIOR</u></b>			
261	Computerized Scheduling & Dispatch System	50	Winter, 2010
262	Electronic Fare Collection Equipment (ARRA)	206	Fall, 2009
263	Facilities Renovation (ARRA)	212	Winter, 2010
264	Facility Maintenance & Upgrades	64	Winter, 2010
265	Key-pad Entrance Door Lock System - ARRA	5	Winter, 2010
266	Shop Equipment (ARRA)	10	Winter, 2010
267	Transfer Point Relocation - Construction (ARRA)	875	Winter, 2010
268	9 Medium Replacement Buses	1,800	Complete
269	On Board Communications	122	Complete
270	2 Medium Low Floor Replacement Buses (ARRA)	420	Underway
271	2 Support Vehicles	30	Underway
272	Capital Maintenance	4	Underway
273	Maintenance Equipment	9	Underway
274	Medium Low-Floor 30' Bus - Expansion (ARRA)	210	Underway
275	Mobility Management - Non-Profits	58	Underway
276	Oil Tank (ARRA)	10	Underway
277	Preventive Maintenance	25	Underway
278	Preventive Maintenance (ARRA)	170	Underway
279	Small Buses to Non-Profits	106	Underway
280	Vehicle Maintenance Supplies & Components	24	Underway
281	Bus Shelters (ARRA)	136	Spring, 2010
282	Support Vehicle (ARRA)	20	Fall, 2010
<b><u>WICOMICO COUNTY FY 2009 AND PRIOR</u></b>			
283	(See Tri-County Council for the Lower Eastern Shore for Projects)		
284	Vehicles to Non-Profit Organizations - Shore Up, Lower Shore Enterprise Inc., Dove Point, Inc.	361	Complete
285	Small Buses to Non-Profits	108	Underway

**LOCALLY OPERATED TRANSIT SYSTEMS**

**MARYLAND TRANSIT ADMINISTRATION -- LINE 54 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u></b>			
<b><u>WORCESTER COUNTY FY 2009 AND PRIOR</u></b>			
286	Commission on Aging, Worcester County Development Center	367	Complete
287	Shore Enterprise, Inc. Dove Point, Inc.	361	Complete
288	Small Buses to Non-Profits	148	Underway
<b><u>TOWN OF OCEAN CITY FY 2009 AND PRIOR</u></b>			
289	LED Info Signs at Transit Facilities (ARRA)	50	Winter, 2010
290	1 Small Replacement Bus	55	Complete
291	2 Heavy Duty 40' Replacement Buses	722	Underway
292	5 Large Replacement Buses	1,784	Underway
293	6 Heavy Duty Transit Bus 40' Replacement (ARRA)	2,166	Underway
294	Currency Counters (ARRA)	6	Underway
295	Facility Maintenance & Improvements	87	Underway
296	Maintenance Supplies & Components	148	Underway
297	Passenger Facilities & Maintenance	25	Underway
298	Shelter Parts (ARRA)	25	Underway
299	Supplemental AVL/APC Funding (ARRA)	30	Underway
300	Renovate Park & Ride (ARRA)	50	Spring, 2010
301	Facilities	202	Summer, 2010
302	Office Equipment	1	Summer, 2010
303	On Board Communications	216	Summer, 2010
304	Bus Spare Parts (ARRA)	300	Fall, 2010
305	Electronic Fareboxes (ARRA)	100	Fall, 2010
306	Refurbish South End Transit Center (ARRA)	30	Fall, 2010
<b><u>TOWN OF OCEAN CITY FY 2010</u></b>			
307	Support Vehicle	30	Winter, 2010
308	1 Supervisory Vehicle	40	Fall, 2010
309	3 Heavy Duty 40' Replacement Buses	1,083	Fall, 2010

**LOCALLY OPERATED TRANSIT SYSTEMS**

**MARYLAND TRANSIT ADMINISTRATION -- LINE 54 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<b><u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u></b>		
	<b><u>BALTIMORE CITY FY 2009 AND PRIOR</u></b>		
310	Small Buses to Non-Profits	120	Complete
	<b><u>CORRIDOR TRANSPORTATION CORP. FY 2009 AND PRIOR</u></b>		
311	4 Medium Replacement Buses	554	Complete
312	1 Small Expansion Bus	67	Underway
313	Hardware & Software	210	Underway
314	ITS Project	92	Underway
315	Mobility Management	125	Underway
316	2 Medium Replacement Buses	480	Spring, 2010
317	Safety & Security - On Board Equipment	108	Fall, 2010
	<b><u>CORRIDOR TRANSPORTATION CORP. FY 2010</u></b>		
318	AVL System (ARRA)	600	Winter, 2010
	<b><u>SHORE TRANSIT FY 2010</u></b>		
319	Small Buses to Non-Profits	158	Underway

**LOCALLY OPERATED TRANSIT SYSTEMS**

**MARYLAND TRANSIT ADMINISTRATION -- LINE 54 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
<b><u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u></b>			
<b><u>TRI-CO. COUNCIL FOR THE LOWER EASTERN SHORE FY 2009 AND PRIOR</u></b>			
320	2 Support Vehicles (ARRA)	33	Winter, 2010
321	Capital Maintenance Equipment (ARRA)	30	Winter, 2010
322	Computer Hardware (ARRA)	63	Winter, 2010
323	Computer Software (ARRA)	112	Winter, 2010
324	Computerized Scheduling & Dispatching (ARRA)	144	Winter, 2010
325	Office Equipment (ARRA)	29	Winter, 2010
326	Recondition Bus Engine (ARRA)	13	Winter, 2010
327	Security Updates (ARRA)	13	Winter, 2010
328	Shop Equipment (ARRA)	17	Winter, 2010
329	Updated Fare Collection Equipment	28	Winter, 2010
330	1 Small Replacement Bus	62	Complete
331	2 Medium Replacement Buses	237	Complete
332	2 Small Replacement Buses (ARRA)	106	Complete
333	On Board Communications	1	Complete
334	2 Medium Low Floor Replacement Vehicles	420	Underway
335	2 Support Vehicles	40	Underway
336	3 Medium Duty Low Floor Bus 30' Replacement (ARRA)	697	Underway
337	3 Medium High-Floor 30' Bus Replacement (ARRA)	330	Underway
338	Facilities Design	200	Underway
339	Land Acquisition	400	Underway
340	Maintenance Equipment	90	Underway
341	Outside Facility Maintenance Equipment (ARRA)	29	Underway
342	Passenger Amenities (ARRA)	35	Spring, 2010
343	Passenger Facilities	5	Spring, 2010