

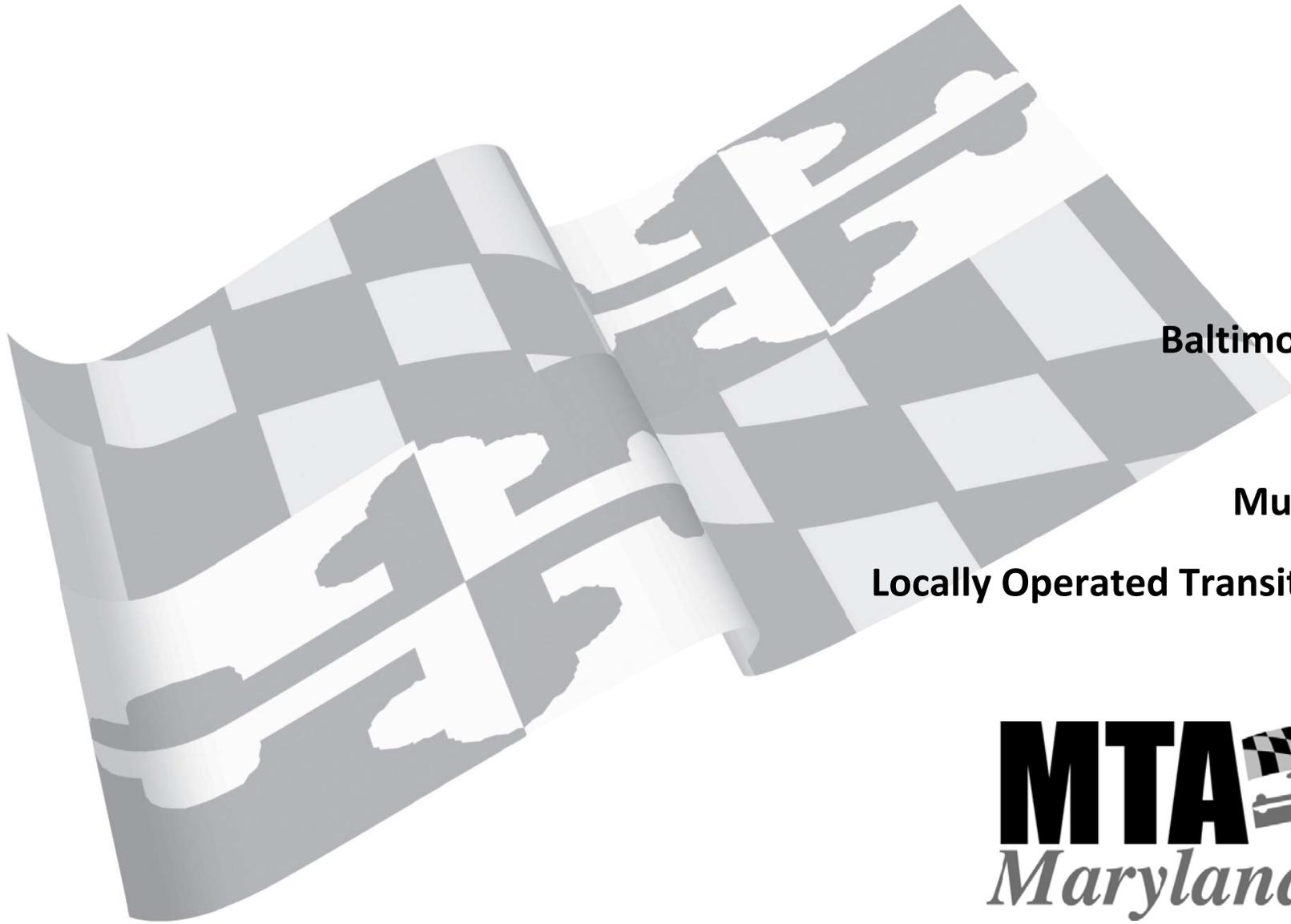
MTA 
Maryland



MARYLAND TRANSIT ADMINISTRATION

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

	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>SIX-YEAR TOTAL</u>
<u>Construction Program</u>							
Major Projects	379.5	640.2	776.2	634.3	463.6	394.3	3,288.1
System Preservation Minor Projects	72.9	70.5	70.9	42.7	45.7	60.7	363.5
<u>Development & Evaluation Program</u>	<u>2.2</u>	<u>10.5</u>	<u>2.2</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>14.8</u>
SUBTOTAL	454.6	721.1	849.3	677.0	509.3	455.0	3,666.3
<u>Capital Salaries, Wages & Other Costs</u>	<u>11.2</u>	<u>12.5</u>	<u>13.0</u>	<u>13.0</u>	<u>14.0</u>	<u>14.0</u>	<u>77.7</u>
TOTAL	465.8	733.6	862.3	690.0	523.3	469.0	3,744.0
Special Funds	299.2	217.5	363.3	288.6	201.4	114.0	1,484.1
Federal Funds	140.1	457.8	416.4	342.0	245.0	308.7	1,910.0
Other Funding	26.5	58.3	82.6	59.4	76.9	46.3	349.9



MARC

Freight

Light Rail

Baltimore Metro

Bus

Multi-Modal

Locally Operated Transit Systems



MTA CONSTRUCTION PROGRAM



PROJECT: MARC Maintenance, Layover, & Storage Facilities

DESCRIPTION: Planning, environmental documentation, design, property acquisition, and construction of maintenance, layover, and storage facilities. Includes construction for the Washington Mid-Day Storage Yard, design and construction funding for storage tracks at the MARC Martin State Airport facility, and acquisition and improvements at the Riverside Maintenance Facility.

PURPOSE & NEED SUMMARY STATEMENT: Projects will provide critically needed storage and maintenance facilities for the MARC fleet. The storage facility upgrades will reduce interference with Amtrak operations at Washington Union Station and Penn Station and provide urgently needed fleet storage away from the passenger platforms at the station.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- | | |
|---|--|
| <input type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input type="checkbox"/> Community Vitality |
| <input checked="" type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: Additional storage capacity enables MARC trains to be stored away from passenger platforms, minimizing disruptions and delays caused by congestion around the platforms.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- | | |
|--|---|
| <input checked="" type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

ASSOCIATED IMPROVEMENTS:

MARC Growth and Investment Program - Line 39
 MARC Northeast Maintenance Facility - Line 40

STATUS: Construction for the Washington Mid-Day Storage Yard was completed in FY 2015. Design is underway for the Martin State Airport storage tracks and construction is anticipated to begin in FY 2018. Acquisition activities for the Riverside Maintenance Facility will begin in FY 2017.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost increased by \$34.9M due to the addition of the Riverside Maintenance Facility project and an increase to the funding for the Martin State Airport project to fully fund the construction.

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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					....2018....	....2019....	....2020....	....2021....		
Planning	1,106	477	237	392	0	0	0	0	629	0	
Engineering	9,263	8,610	453	200	0	0	0	0	653	0	
Right-of-way	29,797	1,805	0	0	2,992	0	0	25,000	27,992	0	
Construction	44,268	36,797	171	0	3,000	4,300	0	0	7,471	0	
Total	84,434	47,689	861	592	5,992	4,300	0	25,000	36,745	0	
Federal-Aid	59,471	30,469	552	473	4,661	3,316	0	20,000	29,002	0	



PROJECT: MARC Improvements on Camden, Brunswick, and Penn Lines

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 construction agreements. CSX efforts include projects such as interlocking replacements and other track improvements. Amtrak efforts include projects such as passenger upgrades at Baltimore Penn Station and Washington Union Station, interlocking work, and other track improvements.

PURPOSE & NEED SUMMARY STATEMENT: Investments in passenger rail corridor infrastructure improvements are necessary to continue quality MARC service.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- | | |
|---|--|
| <input type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input type="checkbox"/> Community Vitality |
| <input checked="" type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: Projects such as interlocking replacements and platform improvements are needed to keep the system in a state of good repair.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- | | |
|--|---|
| <input type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

ASSOCIATED IMPROVEMENTS:

MARC Growth and Investment Program - Line 39

STATUS: Ongoing projects on the Penn Line include Hanson Interlocking, block tie replacement, and low-level platform rehabilitation at Union Station. Track improvements on the Camden Line are ongoing.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost increased by \$20.9M due to the addition of the Northeast Corridor Commission contribution (\$16.2M) and the addition of FY 2021 (\$4.7M).

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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					....2018....	....2019....	....2020....	....2021....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	8,616	5,101	1,464	494	257	600	600	100	3,515	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	264,836	155,303	11,318	12,956	20,405	24,774	18,980	21,100	109,533	0	
Total	273,452	160,404	12,782	13,450	20,662	25,374	19,580	21,200	113,048	0	
Federal-Aid	198,404	112,362	10,225	10,759	16,529	19,105	12,464	16,960	86,042	0	

0183, 0687, 1460



PROJECT: MARC Coaches - Overhauls and Replacement

DESCRIPTION: Minor overhaul of 63 MARC III coaches, purchase of 54 MARC IV multi-level coaches, and mid-life overhaul of 26 MARC IIA coaches.

PURPOSE & NEED SUMMARY STATEMENT: Overhauls will extend the life cycle of mechanical systems and car bodies, providing safe and reliable vehicles for MARC service. 54 new railcars will replace 12 Gallery coaches scheduled for retirement. The remainder of the new vehicles will be used for expanded service.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- | | |
|---|--|
| <input type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input type="checkbox"/> Community Vitality |
| <input checked="" type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: This project includes railcar purchases and overhauls of MARC coaches to refurbish and update mechanical systems and car bodies.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- | | |
|--|---|
| <input type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

ASSOCIATED IMPROVEMENTS:

None.

STATUS: Final acceptance of the 54 MARC IV coaches will occur in FY 2016. Procurement is underway for the overhaul of MARC III vehicles. Specification development for the MARC IIA coaches will begin in FY 2018.

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 2015			2016	20172018....2019....		2020....	....2021....
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	1,649	181	468	0	0	0	1,000	0	1,468	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	216,375	160,251	9,693	7,725	14,006	12,400	6,300	6,000	56,124	0	0
Total	218,024	160,432	10,161	7,725	14,006	12,400	7,300	6,000	57,592	0	0
Federal-Aid	163,627	119,846	7,986	6,180	11,204	9,545	4,066	4,800	43,781	0	0

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Cost increased by \$6.0M due to the addition of FY 2021.

1263, 1304, 1450



PROJECT: MARC Locomotives - Overhauls and Replacements

DESCRIPTION: Procure 8 new diesel MP-36 locomotives and repower 6 GP-39 diesel locomotives.

PURPOSE & NEED SUMMARY STATEMENT: 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. Replacement diesel locomotives have higher horsepower and meet EPA air quality emissions standards.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- | | |
|---|--|
| <input type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input type="checkbox"/> Community Vitality |
| <input type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: Locomotive overhauls and replacements are needed to maintain a state of good repair.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- | | |
|--|---|
| <input type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

ASSOCIATED IMPROVEMENTS:
None.

STATUS: Procurement of MP-36 diesel locomotives and the repower of the GP-39 Locomotives is underway.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost increased by \$5.7M to fund the procurement of an eighth locomotive.

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 2015			2016	20172018.....2019.....		2020.....	.....2021.....
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	561	548	13	0	0	0	0	0	13	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	72,955	0	4,765	14,455	24,000	18,000	11,735	0	72,955	0	
Total	73,516	548	4,778	14,455	24,000	18,000	11,735	0	72,968	0	
Federal-Aid	53,741	10	3,822	11,564	18,089	11,218	9,038	0	53,731	0	

1440, 1444



PROJECT: MARC Positive Train Control

DESCRIPTION: Implementation and development of Positive Train Control for MARC as required by the Federal Railroad Administration. Positive Train Control incorporates an on-board computer that ensures all signals are received by the various parts of the system to prevent collision, maintain speed limits, and train spacing, while also protecting track workers who have been given exclusive use of the tracks. If the on-board computer determines the train cannot operate safely within the restrictions, it applies the brakes thus preventing any potential accidents. All locomotives and cab cars will be upgraded to operate the Positive Train Control system.

PURPOSE & NEED SUMMARY STATEMENT: Positive Train Control for MARC will create a safeguard against train collisions through proper train spacing on the tracks and active speed limit oversight.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input type="checkbox"/> System Preservation | <input type="checkbox"/> Community Vitality |
| <input type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: Ensure the safe operation of MARC service.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- | | |
|--|---|
| <input type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

ASSOCIATED IMPROVEMENTS:

None.

STATUS: Construction is underway with completion expected in FY 2016.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost increased by \$2.5M to fund additional FRA requirements.

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 2015			2016	20172018.....2019.....		2020.....	.....2021.....
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	24	24	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	16,531	4,289	9,742	2,500	0	0	0	0	12,242	0	0
Total	16,555	4,313	9,742	2,500	0	0	0	0	12,242	0	0
Federal-Aid	11,055	3,420	7,635	0	0	0	0	0	7,635	0	0



PROJECT: Paul S. Sarbanes Transit Center

DESCRIPTION: Construct a 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 queuing 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.

PURPOSE & NEED SUMMARY STATEMENT: Consolidating transit services at a single location in Silver Spring will improve efficiency and ease of use. The project will support the ongoing revitalization of downtown Silver Spring.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet to Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

Purple Line - Line 36
 Purple Line: Montgomery County Funded Projects - Line 37

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- Environmental Stewardship
- System Preservation
- Community Vitality
- Quality of Service
- Economic Prosperity

EXPLANATION: This transit center project will expand and improve the multimodal connectivity of MARC, Metrorail, and Bus for Silver Spring passengers.

STATUS: Facility is open to the public.

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input checked="" 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 2015			2016	20172018.....2019.....		2020.....	.....2021.....
Planning	825	825	0	0	0	0	0	0	0	0	
Engineering	7,786	7,786	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	130,135	113,289	16,846	0	0	0	0	0	16,846	0	
Total	138,746	121,900	16,846	0	0	0	0	0	16,846	0	
Federal-Aid	53,957	53,957	0	0	0	0	0	0	0	0	

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Montgomery County provided an additional \$16.5M to cover ongoing remediation costs.

Project total reflects a \$70.9 million local contribution from Montgomery County.
 0254



PROJECT: MARC West Baltimore Station Parking Expansion

DESCRIPTION: Expand MARC commuter parking capacity from 316 to 638 spaces. In addition, project will reconnect divided communities by rebuilding the 400 block of North Payson Street, introducing streetscape features, a community garden, and station artwork.

PURPOSE & NEED SUMMARY STATEMENT: Parking demand regularly exceeds the capacity of the existing lot. Expanded lot will accommodate ridership growth and reduce overflow parking in adjacent communities. Lot will be designed to accommodate potential transit oriented development.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:

MARC Growth and Investment Program - Line 39

EXPLANATION: This project includes expanded parking capacity to accommodate MARC ridership growth.

STATUS: Construction was completed in FY 2015 and the lot is open to service.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: None

USAGE: In FY 2015 MARC annual ridership was 8.4 million.

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 2015			2016	20172018.....2019.....			.....2020.....	.....2021.....
Planning	841	841	0	0	0	0	0	0	0	0
Engineering	1,485	1,485	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	8,256	8,141	115	0	0	0	0	0	115	0
Total	10,582	10,467	115	0	0	0	0	0	115	0
Federal-Aid	1,785	1,785	0	0	0	0	0	0	0	0



PROJECT: MARC BWI Rail Station Upgrades and Repairs

DESCRIPTION: Structural improvements to the BWI Rail Station parking garages and improvements to the existing station; including a more passenger-friendly station with additional seating as well as a new pedestrian overpass connecting the garage and station.

PURPOSE & NEED SUMMARY STATEMENT: Repairs to both garages and upgrades to the existing infrastructure of the station are necessary to preserve and upgrade the BWI Rail Station.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input type="checkbox"/> Community Vitality |
| <input checked="" type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: This project includes inspection and repairs to garages as well as maintenance repairs and passenger improvements to the station.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- | | |
|--|---|
| <input checked="" type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

ASSOCIATED IMPROVEMENTS:

MARC Growth and Investment Program - Line 39

STATUS: Construction is underway for parking garage improvements. Design for station improvements is underway.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost increased by \$8.8M due to the addition of the BWI Rail Station Improvements project from the MARC Growth and Investment Program.

USAGE: In FY 2015 MARC annual ridership was 8.4 million.

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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					....2018....	....2019....	....2020....	....2021....		
Planning	405	405	0	0	0	0	0	0	0	0	
Engineering	2,422	1,979	443	0	0	0	0	0	443	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	10,448	1,278	1,030	500	1,000	4,000	2,640	0	9,170	0	
Total	13,275	3,662	1,473	500	1,000	4,000	2,640	0	9,613	0	
Federal-Aid	7,765	443	1,178	400	800	3,200	1,744	0	7,322	0	



PROJECT: Homeland Security

DESCRIPTION: Enhancements to the anti-terrorism and emergency preparedness processes, systems, law enforcement resources, and physical infrastructure. This project reduces the risk and consequences of terrorism to MTA's customers, infrastructure and communities.

PURPOSE & NEED SUMMARY STATEMENT: This project enhances MTA's capabilities to protect critical infrastructure, provide law enforcement with resources to increase their physical presence, train employees and transit riders to be aware of security related issues, and develop and enhance processes, standards, voice and video communication systems and cooperative agreements with local partners.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:
Closed Circuit Television (CCTV) Improvements - Line 23

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: This project enhances MTA's systems, law enforcement resources, and physical infrastructure.

STATUS: Construction is underway. FY 2009 and FY 2012 Homeland Security grants were completed in FY 2015.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost increased by \$1.4M due to the addition of the FY 2015 Homeland Security grant.

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 YEAR			2016	20172018.....2019.....			.....2020.....	.....2021.....
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	2,129	2,129	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	38,190	27,493	9,928	740	29	0	0	0	10,697	0
Total	40,319	29,622	9,928	740	29	0	0	0	10,697	0
Federal-Aid	38,957	29,318	9,440	199	0	0	0	0	9,639	0

1384, 1432, 1433, 1434, 1448, 1454, 1468



PROJECT: Freight Bridge Rehabilitation

DESCRIPTION: Inspection and rehabilitation of bridges along State-owned freight lines. Bridges are regularly analyzed to evaluate their structural condition and prioritized for improvements based upon specific axle-load requirements, economic necessity, and available funding.

JUSTIFICATION: Regular inspection and rehabilitation of bridges is necessary to meet Federal Railroad Administration (FRA) requirements and maintain safe and efficient rail freight operations. Freight operations are essential to the economic welfare of the areas they serve.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:
State-Owned Freight Rail - TSO - Line 5

STATUS: Chestertown culvert repair will be completed in FY 2016. The next cycle of bridge and culvert inspections will begin in FY 2016.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost increased by \$2.3M to fully fund the next cycle of bridge and culvert inspections and repairs.

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 2015			2016	20172018.....2019.....			.....2020.....	.....2021.....
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	6,408	4,224	751	507	325	325	276	0	2,184	0
Right-of-way	60	0	30	30	0	0	0	0	60	0
Construction	18,496	10,996	1,506	1,157	1,082	775	1,480	1,500	7,500	0
Total	24,964	15,220	2,287	1,694	1,407	1,100	1,756	1,500	9,744	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: Light Rail Vehicle 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 vehicles will be performed. The effort will also involve identifying and replacing obsolete parts to improve vehicle performance. Project also supports ongoing overhauls of systems to ensure reliability and safety.

PURPOSE & NEED SUMMARY STATEMENT: 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.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- | | |
|---|--|
| <input type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input type="checkbox"/> Community Vitality |
| <input checked="" type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: Projects include an ongoing and major overhaul of the Light Rail fleet to ensure safe, reliable service to the end of the cars' useful life.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- | | |
|--|---|
| <input type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

ASSOCIATED IMPROVEMENTS:
None.

STATUS: The mid-life overhaul began in FY 2014. Ongoing minor overhauls are underway.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: None.

USAGE: In FY 2015 Light Rail annual ridership was 7.1 million.

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 2015			2016	20172018.....2019.....		2020.....	.....2021.....
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	3,622	3,022	100	100	100	100	100	100	600	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	192,693	56,683	16,714	32,946	64,848	12,993	7,809	700	136,010	0	
Total	196,315	59,705	16,814	33,046	64,948	13,093	7,909	800	136,610	0	
Federal-Aid	109,672	22,971	12,056	25,096	49,549	0	0	0	86,701	0	



PROJECT: Light Rail Safety Improvements

DESCRIPTION: Funding to implement safety enhancements and improve Light Rail operations throughout the system. Projects include Howard Street safety improvements and Maintenance of Way improvements such as grade crossing replacements and track repairs.

PURPOSE & NEED SUMMARY STATEMENT: Repairs and replacements of equipment throughout the Light Rail system is required to reduce system failures and improve reliability.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input type="checkbox"/> Community Vitality |
| <input checked="" type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: This project includes inspection and repairs to the Light Rail's rail and cable systems to ensure safe and reliable service.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- | | |
|--|---|
| <input checked="" type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

ASSOCIATED IMPROVEMENTS:
None.

STATUS: Project design is underway.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project added to Construction Program

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 2015			2016	20172018.....2019.....		2020.....	.....2021.....
Planning	221	221	0	0	0	0	0	0	0	0	
Engineering	1,201	612	320	269	0	0	0	0	589	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	21,418	363	0	6,255	5,200	3,200	3,200	3,200	21,055	0	
Total	22,840	1,196	320	6,524	5,200	3,200	3,200	3,200	21,644	0	
Federal-Aid	223	223	0	0	0	0	0	0	0	0	

0489, 1465, 1466



PROJECT: Metro Railcar and Signal System Overhauls and Replacement

DESCRIPTION: Replacement of Metro railcars and repair of critical equipment such as traction motors, gearboxes, axles, and wheels as well as repair and replacement of signal system and associated components.

PURPOSE & NEED SUMMARY STATEMENT: On-going overhauls for Metro vehicle subsystems is required to reduce system failures and improve reliability. The new vehicles will replace the existing fleet which is nearing the end of its useful life. The replacement of the Railcar Fleet will enhance passenger comfort and convenience, ensure better reliability, and improve safety. Metro's wayside signaling system has become difficult to maintain due to parts obsolescence. The replacement of the signaling systems with modern equipment will enhance passenger comfort and convenience, ensure better reliability, and improve safety.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:
None.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: Overhaul of the Metro vehicles and signal system will ensure safe, reliable service to the end of their useful life at which time they will be replaced.

STATUS: The next five-year overhaul cycle will start in FY 2016. Procurement for the signaling system and fleet replacement will begin in FY 2016.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost increased \$262.9M due to the combination of the Metro Railcar Overhauls and Replacement project with the Metro Signal System Preservation and Replacement project.

USAGE: In FY 2015 Metro annual ridership was 12.8 million.

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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					....2018....	....2019....	....2020....	....2021....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	2,644	2,280	364	0	0	0	0	0	364	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	598,760	22,317	5,356	18,088	69,799	145,799	168,696	89,271	497,009	79,434	
Total	601,404	24,597	5,720	18,088	69,799	145,799	168,696	89,271	497,373	79,434	
Federal-Aid	301,719	10,038	2,289	11,124	54,985	99,043	57,016	67,224	291,681	0	

0091, 1281, 1321, 1415, 1445



PROJECT: Metro Safety Improvements

DESCRIPTION: Funding to rebuild track interlockings that have reached the end of their useful life and to provide repairs and keep Metro tracks in a state of good repair.

PURPOSE & NEED SUMMARY STATEMENT: Interlockings allow trains to cross from one track to another using turnouts and are important for operations. Replacements and repairs to interlockings and maintenance of way are necessary to correct general degradation and to ensure safety.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input type="checkbox"/> Community Vitality |
| <input type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: This project rebuilds interlockings and provides track repairs as part of Metro's system preservation program.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

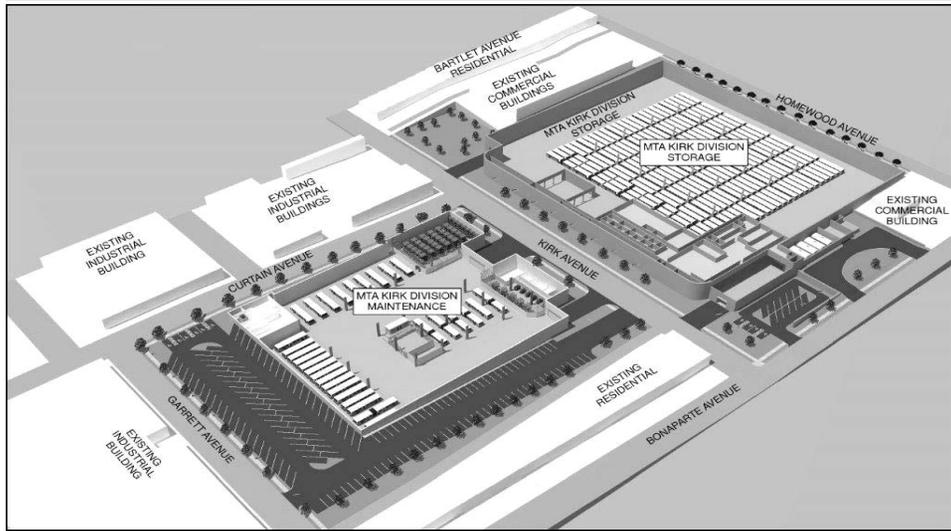
- | | |
|--|---|
| <input type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

ASSOCIATED IMPROVEMENTS:
None.

STATUS: The Reisterstown Plaza West, Portal, and Rogers Avenue interlocking projects were combined with major construction planned in FY 2016. Construction for the Maintenance of Way project began in FY 2016.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost increased by \$29.0M due to the addition of funding to complete the Rogers Avenue portion of the interlocking project (\$5.0M), the addition of FY 2021 (\$4.0M), and the addition of the Metro Maintenance of Way project (\$20.0M)

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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					....2018....	....2019....	....2020....	....2021....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	6,107	3,657	1,626	500	0	0	0	324	2,450	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	41,617	3,503	8,660	13,904	140	4,000	4,000	7,410	38,114	0	
Total	47,724	7,160	10,286	14,404	140	4,000	4,000	7,734	40,564	0	
Federal-Aid	10,434	3,017	5,225	2,192	0	0	0	0	7,417	0	



PROJECT: Kirk Bus Facility Replacement

DESCRIPTION: Construct replacement for the existing Kirk Bus Division. Phase I of the project will construct a new maintenance facility on an expanded site. Phase II will construct an enclosed storage/operations facility.

PURPOSE & NEED SUMMARY STATEMENT: The existing Kirk facility is obsolete, severely constrained, and cannot adequately support MTA's current fleet. MTA employees must park off-site on the surrounding neighborhood streets. By replacing the existing Kirk facility with two new sustainable buildings, substantial operational efficiencies will be realized and the community's environmental justice concerns will be addressed.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet to Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:
None.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: The project enables the MTA to service hybrid diesel-electric and articulated buses at the Kirk Bus Division and incorporates sustainable design practices in the new Kirk facilities.

STATUS: Construction of Phase I is underway to be completed in FY 2016. Design of Phase II is underway with construction expected to begin in FY 2017.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost increased by \$4.9M due to unforeseen site conditions for Phase I and additional requirements for Phase II.

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 2015			2016	20172018.....2019.....		2020.....	.....2021.....
Planning	3,337	3,337	0	0	0	0	0	0	0	0	
Engineering	11,056	10,150	886	20	0	0	0	0	906	0	
Right-of-way	4,329	2,456	1,147	358	368	0	0	0	1,873	0	
Construction	133,721	33,795	19,334	8,114	36,478	36,000	0	0	99,926	0	
Total	152,443	49,738	21,367	8,492	36,846	36,000	0	0	102,705	0	
Federal-Aid	93,348	31,155	17,170	6,716	29,476	8,831	0	0	62,193	0	



PROJECT: Bus Procurement

DESCRIPTION: Annual purchase of buses to replace those that have been in service for 12 or more years. The MTA has more than 700 buses in its active fleet.

JUSTIFICATION: Bus replacement levels are based on the fleet size and must be maintained to prevent high out-of-service rates and major repair problems that arise from retaining buses beyond their useful life. The replacement program will serve to maintain the average age of the bus fleet. Replacement buses will reduce emissions, fuel consumption, and noise levels.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:
Bus Network Improvements - Line 19

STATUS: Forty-one 40-foot hybrid diesel-electric buses were delivered and put in service in FY 2015. Procurement for 87 40-foot clean diesel buses is underway with delivery expected in FY 2016 and 2017. Specification development for a five-year bus procurement is underway.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost increased by \$53.6M due to the addition of FY 2021 and additional funding for BaltimoreLink implementation.

USAGE: In FY 2015 Bus annual ridership was 72.1 million.

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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	700	172	528	0	0	0	0	0	528	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	405,373	187,582	231	52,300	41,214	37,950	38,096	48,000	217,791	0
Total	406,073	187,754	759	52,300	41,214	37,950	38,096	48,000	218,319	0
Federal-Aid	269,005	123,304	152	41,791	32,971	29,514	7,553	33,720	145,701	0

1172, 1447



PROJECT: Bus Communications Systems Upgrade

DESCRIPTION: Retrofit of MTA buses with a unified, integrated, state-of-the-art suite of on-board bus equipment as well as fixed-end systems at operations and security monitoring centers, allowing MTA to upgrade equipment and systems to enhance the delivery of safe and reliable customer service.

PURPOSE & NEED SUMMARY STATEMENT: The retrofit will provide a unified infrastructure on-board buses and will fully integrate security and monitoring systems.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input type="checkbox"/> System Preservation | <input type="checkbox"/> Community Vitality |
| <input checked="" type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: This project provides an integrated system for MTA's existing bus fleet that will offer enhanced safety and security as well as improved communications and information systems for customers.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- | | |
|--|---|
| <input type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

ASSOCIATED IMPROVEMENTS:
 Bus Network Improvements - Line 19
 CAD/AVL Systems - Line 21

STATUS: Construction is scheduled to begin in FY 2017.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: None.

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 2015			2016	20172018....2019....		2020....	....2021....
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	4,813	4,159	654	0	0	0	0	0	654	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	32,870	2,219	0	9,602	11,049	10,000	0	0	30,651	0	
Total	37,683	6,378	654	9,602	11,049	10,000	0	0	31,305	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	



PROJECT: Bus New Main Shop

DESCRIPTION: Design and construct a new bus maintenance shop within MTA's Washington Boulevard maintenance complex. The new facility will be utilized to perform major bus repairs including engine replacement, transmission repairs, and HVAC repairs. The facility is designed with sustainable design principles.

PURPOSE & NEED SUMMARY STATEMENT: Major bus repairs will be done in a new shop, freeing space in existing maintenance areas and improving utilization of the existing maintenance facilities.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- | | |
|---|--|
| <input type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input type="checkbox"/> Community Vitality |
| <input checked="" type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: This project will provide a new facility for major repair and improve the use of existing maintenance facility by freeing space for additional bus bays and other areas designated for minor repairs.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- | | |
|--|---|
| <input checked="" type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

ASSOCIATED IMPROVEMENTS:

None.

STATUS: Construction is underway.

SIGNIFICANT CHANGE FROM FY 2015 - 20 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 FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
	ESTIMATED COST (\$000)	EXPEND THRU 2015			2016	20172018.....2019.....		2020.....	.....2021.....
Planning	98	98	0	0	0	0	0	0	0	0	0
Engineering	2,107	2,107	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Construction	40,427	21,421	19,006	0	0	0	0	0	19,006	0	0
Total	42,632	23,626	19,006	0	0	0	0	0	19,006	0	0
Federal-Aid	29,785	16,995	12,790	0	0	0	0	0	12,790	0	0



PROJECT: Bus Network Improvements

DESCRIPTION: Funding to implement improvements throughout the bus network including planning, design, and construction for transitways (dedicated bus lanes), transit hubs, and transit signal prioritization. This project includes a portion of the Governor Hogan's \$135M BaltimoreLink initiative.

PURPOSE & NEED SUMMARY STATEMENT: Improvements to the bus network will meet the needs of MTA customers and better connect riders to jobs and other transit modes through a high-frequency network.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: This project includes enhancements to the Baltimore Bus network including transit signal priority and transit hubs.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:

- Bus Procurement - Line 16
- Bus Communications Systems Upgrade - Line 17

STATUS: Planning and design for the transit hubs, transitways, and Transit Signal Priority (TSP) are underway.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project added to Construction Program

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 2015			2016	20172018.....2019.....			.....2020.....	.....2021.....
Planning	2,000	0	1,500	500	0	0	0	0	2,000	0
Engineering	7,315	0	1,815	2,500	3,000	0	0	0	7,315	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	27,685	0	1,685	11,000	11,000	4,000	0	0	27,685	0
Total	37,000	0	5,000	14,000	14,000	4,000	0	0	37,000	0
Federal-Aid	28,800	0	3,200	11,200	11,200	3,200	0	0	28,800	0

1463, 1469, 1470, 1471



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 on-time performance, travel time, and schedule compliance.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:
None.

STATUS: Eighty-four cutaways were delivered in FY 2015. Procurement for a five year contract is underway.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost increased by \$11.8M due to the addition of FY 2021.

USAGE: In FY 2015 Demand Response Mobility annual ridership was 1.7 million.

<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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				YEAR TOTAL	TO COMPLETE	
					.....2018.....	.....2019.....	.....2020.....	.....2021.....		
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	97,205	50,533	5,267	2,633	10,744	6,600	9,677	11,751	46,672	0	
Total	97,205	50,533	5,267	2,633	10,744	6,600	9,677	11,751	46,672	0	
Federal-Aid	51,751	19,160	0	2,106	8,064	5,280	7,741	9,400	32,591	0	



PROJECT: CAD/AVL Systems

DESCRIPTION: Procurement of new Computer-Aided Dispatch and Automated Vehicle Location system. CAD/AVL provides radio data channel expansion to improve the bus fleet's voice and data communication. Project includes upgrades to the existing CAD/AVL system hardware and software as well as upgrading obsolete vehicle equipment with state-of-the-art replacements. The vehicle location systems will be used to provide real-time vehicle arrival information to patrons.

PURPOSE & NEED SUMMARY STATEMENT: The procurement of an updated and enhanced CAD/AVL system, together with the expanded data channel, will improve the operational efficiency of the bus fleet. These efforts will improve customer service by providing real-time management and scheduling adherence as well as providing real-time information to patrons.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:

Bus Communications Systems Upgrade - Line 17

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: This project provides upgrades for the bus fleet communication systems, enabling better tracking of buses and improves the quality of information available to patrons.

STATUS: Real-time information was made available to patrons in FY 2015.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost decreased by \$13.5M due to the successful completion and removal of the CAD/AVL Improvements project.

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 2015			2016	20172018.....2019.....			.....2020.....	.....2021.....
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	240	240	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	3,932	3,446	486	0	0	0	0	0	486	0
Total	4,172	3,686	486	0	0	0	0	0	486	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: Central Control Center

DESCRIPTION: Construct an expanded facility to integrate the operations of Bus, Metro, and Light Rail control centers within an existing MTA building in downtown Baltimore. Facility improvements include air handling units and heating and cooling systems replacements.

PURPOSE & NEED SUMMARY STATEMENT: This project gives the MTA the ability to operate three modes from one location, while also replacing obsolete equipment. The centralized operation will enable MTA to more quickly respond to incidents and emergencies, limit disruptions, enhance passenger safety, and improve service quality.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input type="checkbox"/> System Preservation | <input type="checkbox"/> Community Vitality |
| <input checked="" type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: The ability to monitor the operation of three modes from one location will improve on-time performance and consistency.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- | | |
|--|---|
| <input checked="" type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

ASSOCIATED IMPROVEMENTS:
None.

STATUS: Information systems installation and facility renovations are underway and are scheduled to be completed in FY 2016.

SIGNIFICANT CHANGE FROM FY 2015 - 20 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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY						
					.....2018.....	.....2019.....	.....2020.....	.....2021.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	1,392	1,387	5	0	0	0	0	0	5	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	14,322	13,858	464	0	0	0	0	0	464	0	
Total	15,714	15,245	469	0	0	0	0	0	469	0	
Federal-Aid	0	14	-14	0	0	0	0	0	-14	0	



PROJECT: Closed Circuit Television (CCTV) Improvements

DESCRIPTION: Installation of CCTV equipment in stations and maintenance facilities in four phases:

- Phase I - 1 Light Rail and 10 Metro locations
- Phase II - 5 Light Rail, 1 MARC, and 4 Metro Stations as well as the Metro Portal
- Phase III - 6 Light Rail, 4 MARC, and 6 Metro Stations as well as an administrative complex
- Phase IV - 7 Light Rail and 10 MARC Stations and 1 Metro location

PURPOSE & NEED SUMMARY STATEMENT: 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.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:

Homeland Security - Line 9

EXPLANATION: This project enhances surveillance capabilities to improve safety.

STATUS: Phases I, II and III are complete. Construction of Phase IV will be completed in FY 2016.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost increased by \$1.2M to fully fund Phase IV.

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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2018.....	.....2019.....	.....2020.....	.....2021.....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	30	30	0	0	0	0	0	0	0	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	28,197	26,966	1,231	0	0	0	0	0	1,231	0	
Total	28,227	26,996	1,231	0	0	0	0	0	1,231	0	
Federal-Aid	10,156	10,156	0	0	0	0	0	0	0	0	



PROJECT: Southern Maryland Commuter Bus Initiative

DESCRIPTION: Construction of Southern Maryland Commuter Bus Park and Ride lots at Dunkirk and Waldorf.

PURPOSE & NEED SUMMARY STATEMENT: Southern Maryland is one of the fastest growing regions in Maryland. The project will assist in keeping up with demand for commuter park and ride facilities which continues to grow as more people move into the region.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:
None.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: This effort supports multiple parking expansion projects for Southern Maryland Commuter Bus services, addressing demand for increased commuter parking.

STATUS: Dunkirk construction was completed in FY 2015. Waldorf construction completed in Fall of 2015.

SIGNIFICANT CHANGE FROM FY 2015 - 20 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 FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2015			2016	20172018.....2019.....			.....2020.....	.....2021.....
Planning	1,765	1,765	0	0	0	0	0	0	0	0
Engineering	2,091	2,091	0	0	0	0	0	0	0	0
Right-of-way	3,370	3,370	0	0	0	0	0	0	0	0
Construction	13,115	9,077	3,938	100	0	0	0	0	4,038	0
Total	20,341	16,303	3,938	100	0	0	0	0	4,038	0
Federal-Aid	15,501	12,276	3,225	0	0	0	0	0	3,225	0

USAGE: In FY 2015 Commuter Bus annual ridership was 3.7 million.



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

DESCRIPTION: Funding to rural and small urban 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 Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:

- Montgomery County Local Bus Program - Line 27
- Prince George's County Local Bus Program - Line 28
- Locally Operated Transit Systems - Line 49

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

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost decreased by \$22.32M due to the completion and removal of the ARRA projects.

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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2018.....	.....2019.....	.....2020.....	.....2021.....		
Planning	135	103	32	0	0	0	0	0	32	0
Engineering	35,957	24,078	2,550	3,129	1,550	1,550	1,550	1,550	11,879	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	216,147	109,784	12,413	14,011	13,598	22,002	21,606	22,733	106,363	0
Total	252,239	133,965	14,995	17,140	15,148	23,552	23,156	24,283	118,274	0
Federal-Aid	213,055	113,470	11,385	13,581	12,893	20,258	21,593	19,875	99,585	0

0045, 0211, 0217, 0218, 1347, 1348, 1355, 1356, 1373, 1426, 1431, 1437, 1443, 1455, 1461, 1467



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

DESCRIPTION: Federal funding is available to assist non-profit agencies with transportation for the elderly and persons with disabilities. MTA works with non-profits to apply for federal aid and meet compliance requirements.

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 Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:
Locally Operated Transit Systems - Line 49

STATUS: Funds are awarded based on a biennial application cycle.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost increased by \$2.1M due to additional federal funding.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL		<input checked="" type="checkbox"/> FEDERAL		<input type="checkbox"/> GENERAL		<input checked="" type="checkbox"/> OTHER		
PHASE	TOTAL	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)				.....2018.....	.....2019.....	.....2020.....	.....2021.....		
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	55,041	29,633	1,060	2,722	4,207	6,207	6,207	5,005	25,408	0
Total	55,041	29,633	1,060	2,722	4,207	6,207	6,207	5,005	25,408	0
Federal-Aid	43,611	23,288	848	2,450	3,978	6,064	4,579	2,404	20,323	0



PROJECT: Montgomery County Local Bus Program

DESCRIPTION: Funding for annual bus replacements, preventive maintenance, and planning for the Montgomery County Rapid Transit System (RTS).

JUSTIFICATION: These investments will make the Ride On bus system more reliable and efficient while improving passenger access to the Metrorail system. The RTS will improve the quality of transit service and enhance connectivity throughout the County.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:

Locally Operated Transit Systems Capital Procurement Projects (Local Jurisdictions) - Line 25
 Takoma-Langley Transit Center - Line 29
 Corridor Cities Transitway (CCT) - Line 38

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

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost increased by \$9.3M due to the addition of FY 2021 (\$2.0M) and the addition of funding for the BRT studies (\$7.3M).

<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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
						....2018....	....2019....	....2020....	....2021....	
Planning	7,280	0	4,000	3,280	0	0	0	0	7,280	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	80,255	51,922	13,863	2,000	6,470	2,000	2,000	2,000	28,333	0	
Total	87,535	51,922	17,863	5,280	6,470	2,000	2,000	2,000	35,613	0	
Federal-Aid	25,896	9,663	8,572	0	2,861	1,600	1,600	1,600	16,233	0	

0892, 0894, 1438, 1462



PROJECT: Prince George's County Local Bus Program

DESCRIPTION: Funding for bus replacements as well as capital improvements to bus facilities.

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

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:

Locally Operated Transit Systems Capital Procurement Projects (Local Jurisdictions) - Line 25
Takoma-Langley Transit Center - Line 29

STATUS: Project funding will support improvements to bus stops throughout the county.

SIGNIFICANT CHANGE FROM FY 2015 - 20 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 FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2015			2016	20172018.....2019.....			.....2020.....	.....2021.....
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	10,827	5,827	1,500	1,500	500	500	500	500	5,000	0
Total	10,827	5,827	1,500	1,500	500	500	500	500	5,000	0
Federal-Aid	4,000	0	1,200	1,200	400	400	400	400	4,000	0



PROJECT: Takoma/Langley Park Transit Center (ARRA)

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. The project will accommodate a future Purple Line station.

PURPOSE & NEED SUMMARY STATEMENT: This area is the busiest bus transit transfer point in the region, with 11 Metrobus, Ride On, The Bus, and shuttle van routes. The project will also address pedestrian safety issues.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet to Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

Montgomery County Local Bus Program - Line 27
 Prince George's County Local Bus Program - Line 28
 Purple Line - Line 36
 Purple Line: Montgomery County Contributions - Line 37

STATUS: Construction is underway and scheduled to complete in FY 2016.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: This transit center project will expand and improve the multimodal jurisdictional bus transfer center.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: None.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input checked="" 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 2015			2016	20172018.....2019.....			.....2020.....	.....2021.....
Planning	476	476	0	0	0	0	0	0	0	0
Engineering	2,988	2,988	0	0	0	0	0	0	0	0
Right-of-way	12,851	12,851	0	0	0	0	0	0	0	0
Construction	18,455	9,103	9,352	0	0	0	0	0	9,352	0
Total	34,770	25,418	9,352	0	0	0	0	0	9,352	0
Federal-Aid	818	818	0	0	0	0	0	0	0	0

Non-federal costs of \$11.76 million are being funded by Montgomery County (\$2.5 million), WMATA (\$6.76 million) and Prince George's County (\$2.5 million). Metropolitan Washington Council of Government's ARRA grant provides an additional \$13.31 million.



PROJECT: Central Maryland Transit Maintenance Facility

DESCRIPTION: Construction of a publicly-owned bus transit maintenance facility to support transit operations in Howard County, Anne Arundel County, Prince George's County, and the City of Laurel.

PURPOSE & NEED SUMMARY STATEMENT: The project will reduce operating costs associated with maintenance support and will support local bus service in Central Maryland.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- | | |
|---|--|
| <input type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input checked="" type="checkbox"/> System Preservation | <input type="checkbox"/> Community Vitality |
| <input type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: This project will reduce operating costs while providing an updated maintenance facility.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- | | |
|--|---|
| <input checked="" type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

ASSOCIATED IMPROVEMENTS:
None.

STATUS: Construction was completed in FY 2015.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: None.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input checked="" 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 2015			2016	20172018.....2019.....			.....2020.....	.....2021.....
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,429	1,429	0	0	0	0	0	0	0	0
Right-of-way	3,002	3,002	0	0	0	0	0	0	0	0
Construction	10,386	10,386	0	0	0	0	0	0	0	0
Total	14,817	14,817	0	0	0	0	0	0	0	0
Federal-Aid	6,466	6,466	0	0	0	0	0	0	0	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.



PROJECT: Fare Collection System Enhancements and Equipment Preservation

DESCRIPTION: Upgrade existing fare collection hardware and software to ensure security compliance, improve customer satisfaction, maximize return on investment on existing system, and provide on-going overhaul and replacement of system components while preparing for a next generation system.

PURPOSE & NEED SUMMARY STATEMENT: As the existing fare collection system ages, it is imperative that MTA upgrade software and overhaul critical system components to ensure reliable system operation.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:
None.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: This project updates and preserves the equipment, ensures the ability to receive and install software security patches, and will improve customer satisfaction by ensuring system reliability.

STATUS: Operating system software and various component overhauls are underway. Specification development for system replacement is underway.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost decreased by \$26.4M due to the completion and removal of the Transit Pass Equipment project (-\$56.5M), the addition of the Fare Collection Replacement project (\$28.6M) and the addition of FY 2021 (\$1.5M) for the ongoing preservation project.

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 2015			2016	20172018.....2019.....		2020.....	.....2021.....
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	850	0	150	700	0	0	0	0	850	0	
Right-of-way	0	0	0	0	0	0	0	0	0	0	
Construction	60,589	3,969	1,534	3,725	6,882	10,287	25,892	8,300	56,620	0	
Total	61,439	3,969	1,684	4,425	6,882	10,287	25,892	8,300	57,470	0	
Federal-Aid	10,467	227	0	0	4,800	0	0	5,440	10,240	0	

1329, 1429, 1459



PROJECT: Agencywide Roof Replacement

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 Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:
None

STATUS: Light Rail North Avenue complex roof repairs will be complete in FY 2016. Engineering is underway for Metro roof replacements and construction will begin in FY 2016.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost increased by \$1.6M due to the addition of FY 2021.

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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY	FOR PLANNING PURPOSES ONLY		
					.....2018.....	.....2019.....	.....2020.....	.....2021.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	4,305	2,216	733	375	481	100	100	300	2,089	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	23,661	6,106	3,000	1,930	2,625	3,400	3,900	2,700	17,555	0
Total	27,966	8,322	3,733	2,305	3,106	3,500	4,000	3,000	19,644	0
Federal-Aid	10,833	4,593	312	1,844	2,484	1,600	0	0	6,240	0

0300



PROJECT: Agencywide Elevator and Escalator Rehabilitation

DESCRIPTION: Funding for the rehabilitation and replacement of system wide elevators and escalators that have reached the end of their useful life. Activities include bringing elevators and escalators up to current ADA and safety standards.

PURPOSE & NEED SUMMARY STATEMENT: This project will provide safety critical upgrades to the elevator and escalator infrastructure. Upgrades will also bring all elevators and escalators up to full compliance with modern ADA requirements.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: Upgrades will minimize risk of injury to passengers utilizing elevators and escalators, while making the system more reliable and accessible.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:
None.

STATUS: Condition assessment will begin in FY 2016.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project added to Construction program.

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 2015			2016	20172018.....2019.....		2020.....	.....2021.....
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	12,000	0	0	0	0	0	0	12,000	12,000	0	
Total	12,000	0	0	0	0	0	0	12,000	12,000	0	
Federal-Aid	9,600	0	0	0	0	0	0	9,600	9,600	0	



PROJECT: Agencywide Radio and Telecommunications Upgrade

DESCRIPTION: This project will migrate all MTA radio users from 490 MHz to the MD FiRST Statewide 700 MHz Radio Communications System. This includes upgrading the current MD FiRST Baltimore cell with additional channel capacity to safely accommodate the additional MTA users, installation of new dispatching consoles, and installation of new subscriber radios.

PURPOSE & NEED SUMMARY STATEMENT: The 490 MHz network will no longer be useable beginning in FY 2022 due to Federal Law 112-96, which requires all 490 MHz users to move to an alternate spectrum by January 1, 2022. This project will migrate all radio users to the MD FiRST Statewide 700 MHz Radio System. MTA will be joining the Maryland Statewide network.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Safety & Security | <input type="checkbox"/> Environmental Stewardship |
| <input type="checkbox"/> System Preservation | <input type="checkbox"/> Community Vitality |
| <input type="checkbox"/> Quality of Service | <input type="checkbox"/> Economic Prosperity |

EXPLANATION: The MTA must migrate to the current system to continue the availability of radio communication which is required to ensure safe operation.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

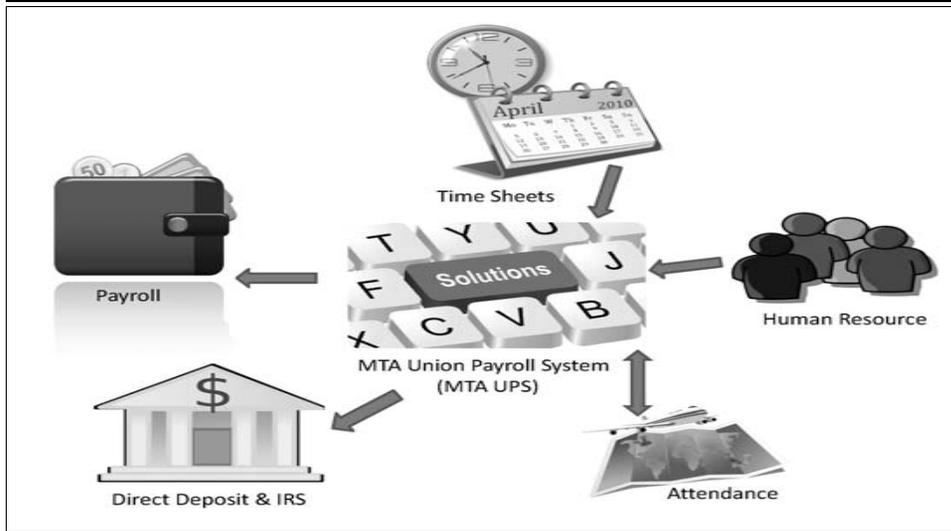
- | | |
|--|---|
| <input type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

ASSOCIATED IMPROVEMENTS:
None.

STATUS: Development of a Project Management Plan will begin in FY 2016.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project added to Construction program.

PHASE	POTENTIAL FUNDING SOURCE: <input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2018....	....2019....	....2020....	....2021....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	600	0	300	300	0	0	0	0	600	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	28,080	0	0	1,734	5,524	8,857	6,334	5,631	28,080	0
Total	28,680	0	300	2,034	5,524	8,857	6,334	5,631	28,680	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



PROJECT: Union Payroll System

DESCRIPTION: Procure a new system for the Union Payroll, Benefits, and Human Resources functions.

PURPOSE & NEED SUMMARY STATEMENT: An updated payroll, benefits, and human resources system will allow MTA to adopt industry best practices.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- Environmental Stewardship
- System Preservation
- Community Vitality
- Quality of Service
- Economic Prosperity

EXPLANATION: The current Union Payroll system has reached the end of its useful life. A modern system will allow MTA to achieve efficiencies between the human resources and payroll systems.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Grandfathered
- Project Outside PFA
- Exception Will Be Required
- PFA Status Yet to Be Determined
- Exception Granted

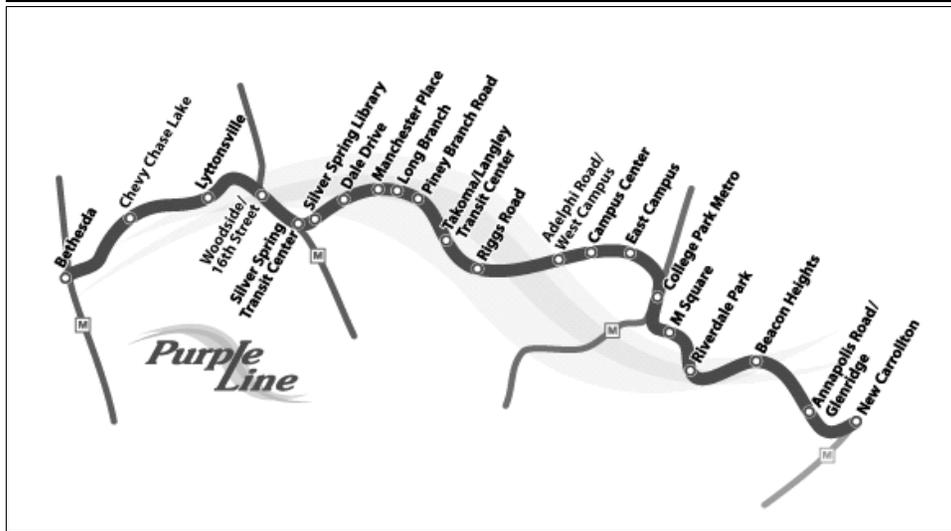
ASSOCIATED IMPROVEMENTS:

None.

STATUS: Specification development underway.

<u>POTENTIAL FUNDING SOURCE:</u> <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 2015			2016	20172018.....2019.....			.....2020.....	.....2021.....
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	679	132	250	297	0	0	0	0	547	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	11,272	205	0	874	2,500	693	7,000	0	11,067	0
Total	11,951	337	250	1,171	2,500	693	7,000	0	11,614	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: None.



PROJECT: Purple Line

DESCRIPTION: The Purple Line is a 16-mile double track light rail line that will operate between Bethesda in Montgomery County and New Carrollton in Prince George's County. The Bethesda to Silver Spring segment will include a parallel hiker/biker trail. The line will include direct connections to Metrorail in four locations, all three MARC Train lines, and Amtrak. The project includes track, stations, railcars, and two operation and maintenance facilities.

PURPOSE & NEED SUMMARY STATEMENT: The Purple Line will provide faster, more reliable transportation between residential and major employment areas. It will enhance access to existing radial Metrorail lines, increase capacity of congested roadways, support economic development consistent with local master plans, and reduce environmental impacts.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet to Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

- Paul S. Sarbanes Transit Center - Line 6
- Takoma/Langley Park Transit Center - Line 29
- Purple Line: Montgomery County Funded Projects - Line 37

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: The Purple Line will serve a corridor that currently lacks rail transit service and includes important commercial, institutional, and residential communities. Electrically powered trains will reduce air pollution and greenhouse gas emissions associated with cars and buses. Transit travel times in corridor will be reduced compared to No Build.

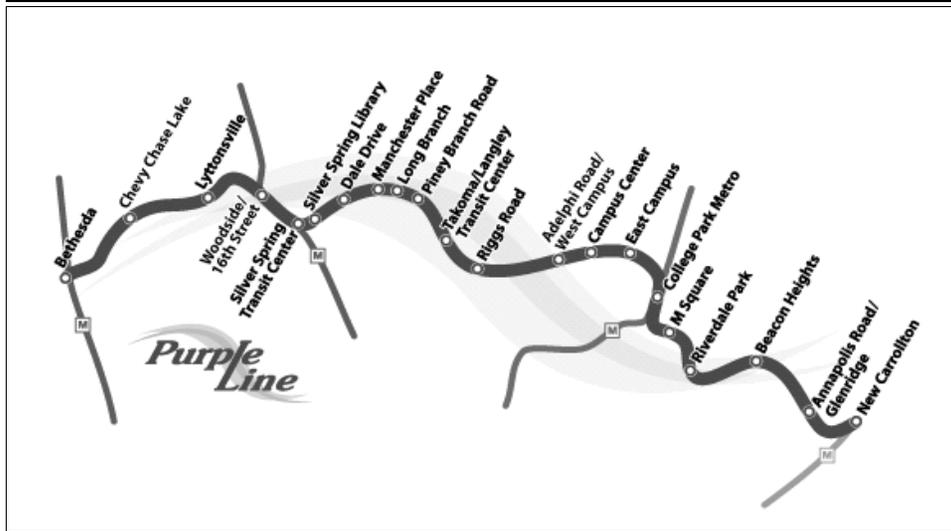
STATUS: Solicitation process underway to select concessionaire to design, build, finance, operate and maintain.

POTENTIAL FUNDING SOURCE:		<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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2018.....	.....2019.....	.....2020.....	.....2021.....		
Planning	53,007	53,007	0	0	0	0	0	0	0	0	
Engineering	231,485	157,843	31,961	10,164	8,546	8,485	7,932	6,554	73,642	0	
Right-of-way	263,595	14,341	63,565	101,812	73,831	10,046	0	0	249,254	0	
Construction	914,104	0	67,174	237,024	230,623	159,469	66,568	112,567	873,425	40,679	
Total	1,462,191	225,191	162,700	349,000	313,000	178,000	74,500	119,121	1,196,321	40,679	
Federal-Aid	936,432	27,432	11,000	297,000	136,000	116,000	116,000	116,000	792,000	117,000	

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Total Estimated Cost decreased by \$342.0M due to reductions in project scope and adjustments to private investment through a public private partnership to design, build, finance, operate, and maintain the project.

USAGE: Daily ridership estimated at 72,000 in 2040.

Note: Total estimated cost does not include investments by concessionaire or future availability payments.



PROJECT: Purple Line: Montgomery County Funded Projects

DESCRIPTION: Montgomery County has elected to fund a program of projects that will be implemented through and associated with the Purple Line. Projects include a new southern entrance to the Bethesda Red Line station, Capital Crescent Trail, and the Silver Spring Green Trail along Wayne Avenue.

PURPOSE & NEED SUMMARY STATEMENT: To further enhance the transportation and quality of life benefits of the Purple Line and Capital Crescent Trail, Montgomery County is adding additional access features.

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: The Purple Line will serve a corridor that currently lacks rail transit service and includes important commercial, institutional, and residential communities. Electrically powered trains will reduce air pollution and greenhouse gas emissions associated with cars and buses. Transit travel times in corridor will be reduced.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

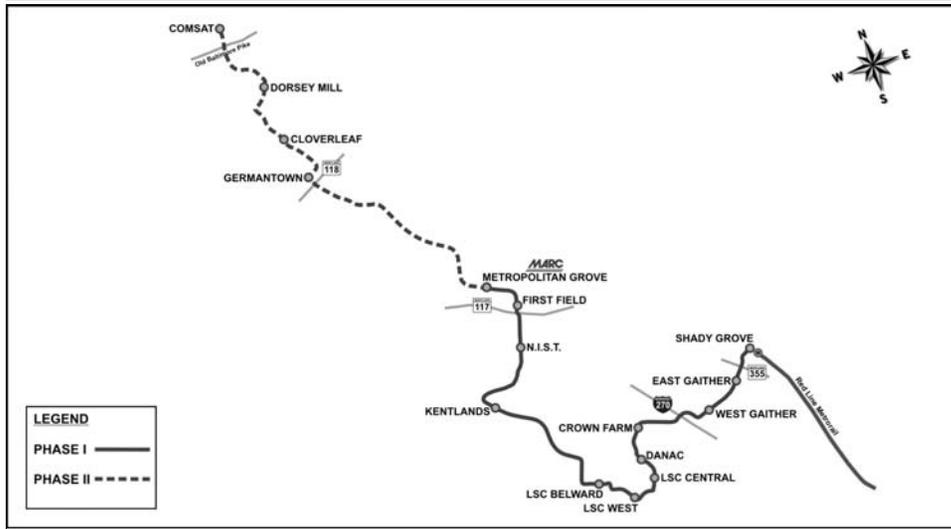
ASSOCIATED IMPROVEMENTS:

- Paul S. Sarbanes Transit Center - Line 6
- Takoma/Langley Park Transit Center - Line 29
- Purple Line - Line 36

STATUS: Planning and design activities underway.

POTENTIAL FUNDING SOURCE:		<input 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 2015			2016	20172018.....2019.....		2020.....	.....2021.....
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	186,389	0	288	40,728	64,107	41,840	39,426	0	186,389	0	
Total	186,389	0	288	40,728	64,107	41,840	39,426	0	186,389	0	
Federal-Aid	0	0	0	0	0	0	0	0	0	0	

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Cost increased by \$25.9M to reflect additional Montgomery County contributions to the Purple Line. These elements of the project are entirely county funded.



PROJECT: Corridor Cities Transitway (CCT)

DESCRIPTION: The Corridor Cities Transitway (CCT) is a 16-mile bus rapid transit line between Shady Grove Metrorail Station and the former COMSAT facility in Montgomery County. The line would be constructed in two phases: from Shady Grove to Metropolitan Grove and from Metropolitan Grove to COMSAT. The project includes a grade separated busway, stations, rapid transit vehicles, and a maintenance facility.

PURPOSE & NEED SUMMARY STATEMENT: The CCT will provide faster, more direct transportation between residential and major employment areas in the I-270 corridor. It will enhance access to Shady Grove station and employment areas, increase capacity of congested roadways, support economic development consistent with local master plans, and reduce environmental impacts.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

ASSOCIATED IMPROVEMENTS:

- Montgomery County Local Bus Program - Line 27
- SHA-M-1 - I-270/Watkins Mill Road Extended
- SHA-F-8/M-13 - I-270 and US 15 Corridor Study (D&E)
- SHA-F-9 - MD 85 (D&E)

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

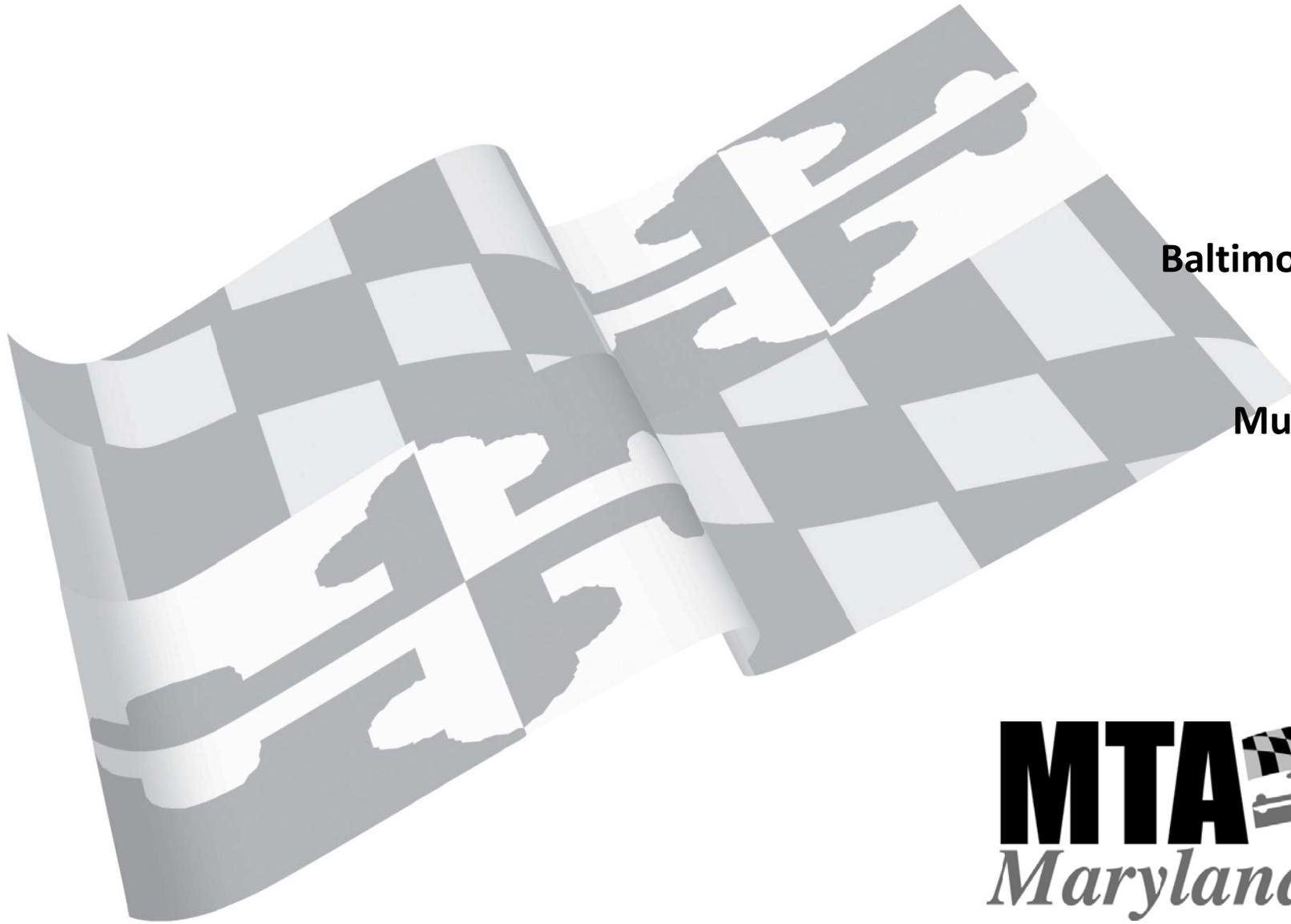
- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: The CCT will serve a corridor with rapidly developing residential and employment sites, particularly in the Life Sciences Center in Rockville and Gaithersburg.

STATUS: Completion of 30% design of Phase 1 occurred in November 2015. Coordination with stakeholders and corridor preservation continues for Phase 2.

SIGNIFICANT CHANGE FROM FY 2015 - 20 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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2018.....	.....2019.....	.....2020.....	.....2021.....		
Planning	36,071	32,408	3,663	0	0	0	0	0	3,663	0	
Engineering	40,000	0	0	13,000	14,000	13,000	0	0	40,000	0	
Right-of-way	39,740	0	0	0	19,740	20,000	0	0	39,740	0	
Construction	145,000	0	0	0	0	0	0	0	0	145,000	
Total	260,811	32,408	3,663	13,000	33,740	33,000	0	0	83,403	145,000	
Federal-Aid	4,390	1,501	0	0	0	2,889	0	0	2,889	0	



MARC

Light Rail

Baltimore Metro

Bus

Multi-Modal



MTA DEVELOPMENT & EVALUATION PROGRAM



PROJECT: MARC Growth and Investment Program

DESCRIPTION: Funding to plan and engineer the long-term expansion of the MARC Train System to meet the needs of Maryland commuters. Current work includes planning an design of a replacement West Baltimore Station.

JUSTIFICATION: MARC Train service is at capacity and expansion is needed to accommodate future growth in the MARC corridors.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet to Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

- MARC Maintenance, Layover & Storage Facilities - Line 1
- MARC Improvements on Camden, Brunswick and Penn Lines - Line 2
- MARC West Baltimore Station Parking Expansion - Line 7
- MARC BWI Rail Station Upgrades & Repairs - Line 8

STATUS: West Baltimore station engineering will begin in FY 2016.

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 2015			2016	20172018....2019....			....2020....	....2021....
Planning	1,777	1,527	250	0	0	0	0	0	250	0
Engineering	3,366	0	0	1,207	2,159	0	0	0	3,366	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	5,143	1,527	250	1,207	2,159	0	0	0	3,616	0
Federal-Aid	1,725	-2	200	965	562	0	0	0	1,727	0

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost decreased by \$4.0M due to the BWI Station Improvements project moving to Line 8 of the Construction program and the MARC Bayview Station moving to the Minor program.



PROJECT: MARC Northeast Maintenance Facility

DESCRIPTION: Preliminary Engineering and Environmental Assessment for a new MARC Northeast Maintenance Facility north of Baltimore. The new facility will support existing and expanded Penn Line operations at an MTA-controlled facility, enabling transfer of maintenance and layover of locomotives and rolling stock from Amtrak facilities in Baltimore and Washington. Storage of MARC equipment at an MTA-controlled facility will potentially allow contracting of maintenance functions currently performed by Amtrak.

JUSTIFICATION: The MARC Northeast Maintenance Facility project addresses the need for additional Penn Line storage, consolidates maintenance and inspection functions, supports 2035 ridership growth projections, and Amtrak's Northeast Corridor growth and planned expansion of freight and high speed rail. Expansion of Penn Line service to points north and east of Perryville is contingent upon construction of a maintenance facility north of Baltimore. Efforts are underway to evaluate additional capital improvements needed for expansion of Penn Line service in cooperation with local and regional stakeholders.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

- Project Inside PFA
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

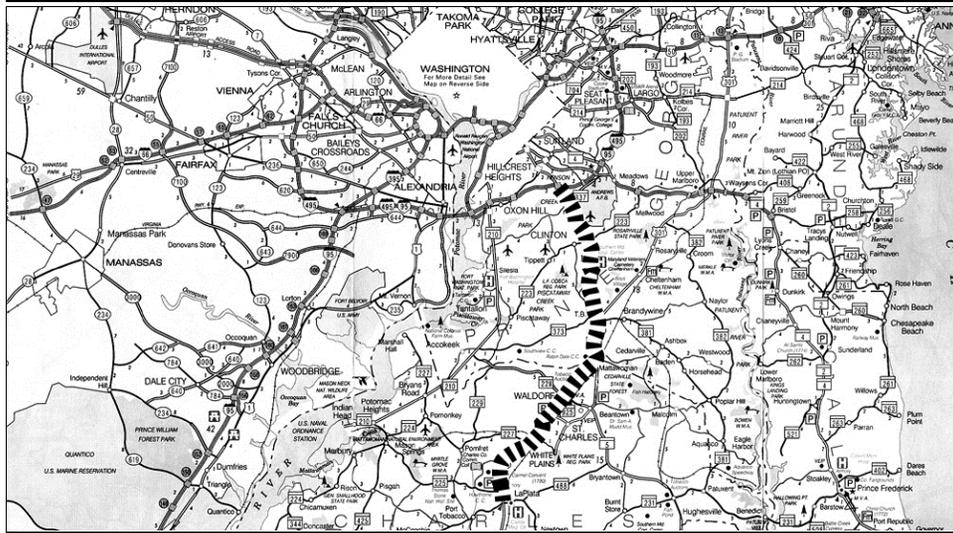
ASSOCIATED IMPROVEMENTS:

- MARC Maintenance, Layover & Storage Facilities - Line 1
- MARC Growth and Investment Program - Line 39

STATUS: Project currently in Planning Development and Design. FONSI was received in October 2015.

SIGNIFICANT CHANGE FROM FY 2015 - 20 CTP: Project cost increased by \$5.0M to initiate budget and out year project development.

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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2018.....	.....2019.....	.....2020.....	.....2021.....		
Planning	4,441	4,391	50	0	0	0	0	0	50	0	
Engineering	1,704	0	150	7,654	0	0	0	0	7,804	-6,100	
Right-of-way	6,100	0	0	0	0	0	0	0	0	6,100	
Construction	0	0	0	0	0	0	0	0	0	0	
Total	12,245	4,391	200	7,654	0	0	0	0	7,854	0	
Federal-Aid	9,264	2,981	160	6,123	0	0	0	0	6,283	0	



PROJECT: Southern Maryland Rapid Transit Study

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 in Charles County to the Branch Avenue Metrorail Station in Prince George's County.

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 Not Subject to PFA Law

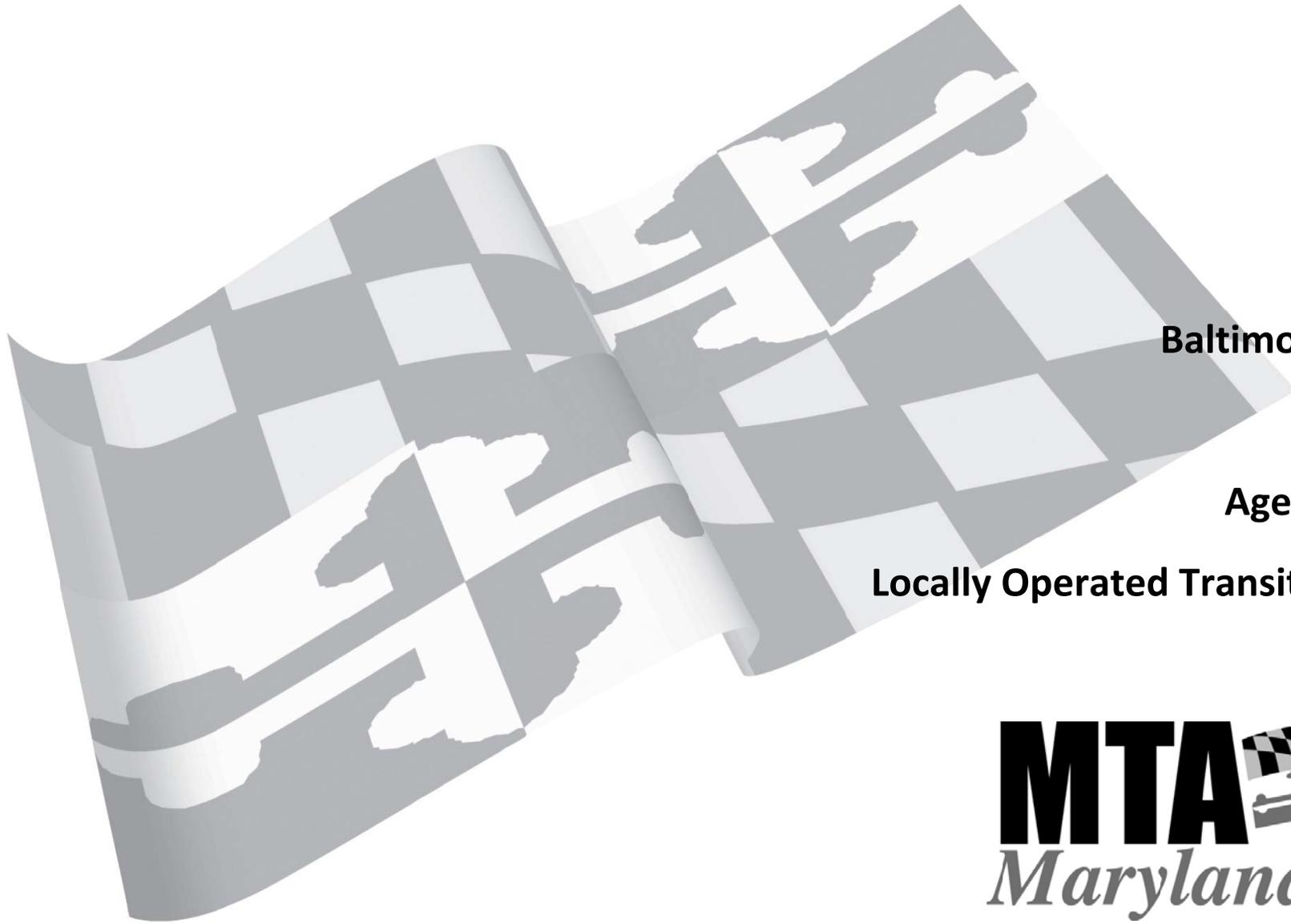
Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet to Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:
None.

STATUS: Planning is underway.

SIGNIFICANT CHANGE FROM FY 2015 - 20 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 2015	CURRENT YEAR 2016	BUDGET YEAR 2017	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2018....	....2019....	....2020....	....2021....		
Planning	6,236	2,913	1,720	1,603	0	0	0	0	3,323	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	6,236	2,913	1,720	1,603	0	0	0	0	3,323	0
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 42

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST (\$000's)	CONSTRUCTION START
1	<u>AGENCYWIDE IMPROVEMENTS -- FY 2015 COMPLETIONS</u> Scheduling System (0513)	4,755	Complete

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 42 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
	<u>AGENCYWIDE IMPROVEMENTS -- FY 2016 AND 2017</u>		
2	Access Control (1213)	2,009	Ongoing
3	ADA Compliance (0266)	994	Ongoing
4	Bicycle Initiatives (1449)	605	Ongoing
5	Bridge & Tunnel Inspection and Corrosion Control Services (0608, 0752)	6,109	Ongoing
6	Capital Program Support Fund (1239)	4,397	Ongoing
7	Communications Systems Upgrades & Support (1367)	2,129	Ongoing
8	Energy Savings Improvements (1422)	324	Ongoing
9	Engineering Standards (0221)	684	Ongoing
10	Environmental Compliance (1149)	4,997	Ongoing
11	Guaranteed Ride Home (1419)	25	Ongoing
12	Information Technology Preservation Fund (1396)	309	Ongoing
13	Miscellaneous Planning Studies (0510)	1,814	Ongoing
14	New IT Equipment (1103)	1,736	Ongoing
15	Non-Revenue Vehicles (1079)	2,221	Ongoing
16	Owner-Controlled Insurance Program (0832)	3,627	Ongoing
17	Parking Lot Improvements (0177)	5,762	Ongoing
18	Parking Lot Inspection & Repaving (0470)	578	Ongoing
19	Rail Purchase (0660)	3,027	Ongoing
20	Safety and Infrastructure Improvements (1070)	1,045	Ongoing
21	Station Signage Improvements (0843)	5,624	Ongoing
22	Telephone Communications Systems (0493)	478	Ongoing
23	Transit Oriented Design Fund (1190)	297	Ongoing
24	Wicomico Demolition and Hazmat Abatement (1392)	100	Ongoing
25	Asset Management (1435)	339	Underway
26	Baltimore Red Line (0862)	4,506	Underway
27	Capital Beltway South Side Transit Study D&E (1420)	29	Underway
28	MAXIMO (1168)	986	Underway
29	Police Dispatch CAD Records Management (1393)	643	Underway
30	Police Radios (1439)	2,400	Underway
31	TMDL Compliance (1452)	2,719	Underway
32	Transit Development Plan (1442)	975	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 42 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
33	<u>AGENCYWIDE IMPROVEMENTS -- FY 2016 AND 2017 (cont'd)</u> Transit Info Center Telephone Systems Update (1395)	465	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 43

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST (\$000's)	CONSTRUCTION START
34	<u>BUS SYSTEM IMPROVEMENTS -- FY 2015 COMPLETIONS</u> Wireless LAN D&E (1210)	1,250	Complete

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 43 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>BUS SYSTEM IMPROVEMENTS -- FY 2016 AND 2017</u>			
35	Bus Lifts (1096)	3,179	Ongoing
36	Facilities Rehabilitation (0193)	10,361	Ongoing
37	Maintenance Support Improvement Fund (0554)	5,407	Ongoing
38	Division Maintenance Facility Ventilation Improvements (1073)	32	Underway
39	Hybrid Battery Replacement (1436)	1,132	Underway
40	Wash Replacement (1421)	10	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 44

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
41	<u>FREIGHT IMPROVEMENTS -- FY 2016 AND 2017</u> Capital Improvement Program (0590)	6,088	Ongoing
42	Grade Crossing Rehabilitation Fund (0212)	4,553	Ongoing

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 45

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
	<u>LIGHT RAIL IMPROVEMENTS -- FY 2016 AND 2017</u>		
43	Balance Weight Assembly (1254)	992	Ongoing
44	Bridge Preservation (0248)	480	Ongoing
45	Drainage Improvements (0856)	7,051	Ongoing
46	Electrical Box Replacement (1187)	303	Ongoing
47	Facilities and Station Rehabilitation (0005, 1189, 1227)	3,331	Ongoing
48	Grade Crossing Repair (1048)	3,551	Ongoing
49	Interlocking Renewals Fund (1451)	500	Ongoing
50	Rail Installation (0797)	1,358	Ongoing
51	Railroad Worker Protection Equipment (1364)	242	Ongoing
52	Refurbish North Ave Carwash (1188)	194	Ongoing
53	Light Rail Vehicle Cameras D&E (1211)	63	Underway
54	North Ave Yard Route Push Button System (0451)	1,556	Underway
55	PA/LED Signs Replacement (1294)	139	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 46

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>MARC IMPROVEMENTS -- FY 2016 AND 2017</u>			
56	Miscellaneous Facility Improvements and Rehabilitation (0199)	2,135	Ongoing
57	Parking Lot Improvements (1006)	3,320	Ongoing
58	Structural Inspection D&E (1376)	601	Ongoing
59	System Preservation Fund (0634)	3,193	Ongoing
60	New Bayview Station D&E (1292)	80	Underway
61	PA/LED Signs (0430)	463	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 47

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>METRO IMPROVEMENTS -- FY 2016 AND 2017</u>			
62	Bridge & Elevated Structures Rehabilitation Fund (0239)	4,198	Ongoing
63	Miscellaneous System Preservation Improvements (0179, 1186, 1293)	4,311	Ongoing
64	Rail Installation Program (0868)	2,306	Ongoing
65	Train Control Systems (0840)	1,286	Ongoing
66	Tunnel Structural Repairs (0529)	2,882	Ongoing
67	Owings Mills Platform Rehabilitation (1413)	419	Underway
68	PA/LED Signs (1295)	2	Underway
69	Station Emergency Telephones (1288)	2,428	Underway
70	Third Rail Cover Board (1425)	203	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 48

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
71	<u>MOBILITY IMPROVEMENTS -- FY 2016 AND 2017</u>		
71	Miscellaneous Improvements Fund (1166)	2,303	Ongoing
72	Traveling Trainer Program (JARC) (1427)	312	Underway
73	Traveling Trainer Program (New Freedom) (1428)	335	Underway

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS</u>			
<u>ALLEGANY COUNTY FY 2015 COMPLETIONS</u>			
1	2 Small Buses	130	Complete
2	2 Small Replacement Buses	143	Complete
3	EVAP Diagnostic Smoke Machine	1	Complete
4	Preventive Maintenance	323	Complete
<u>ANNAPOLIS FY 2015 COMPLETIONS</u>			
1	5 Radios	4	Complete
2	Bike Racks	12	Complete
3	Preventive Maintenance FY15	180	Complete
<u>ANNE ARUNDEL COUNTY FY 2015 COMPLETIONS</u>			
1	See Annapolis for Projects		
<u>BALTIMORE CITY FY 2015 COMPLETIONS</u>			
1	Ridesharing (FY15)	80	Complete
<u>CALVERT COUNTY FY 2015 COMPLETIONS</u>			
1	2 Small Buses	118	Complete
2	2 Small Buses	115	Complete
3	Electronic Fareboxes	65	Complete
4	Radio System and Radios	24	Complete
5	Ridesharing	9	Complete

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>CAROLINE COUNTY FY 2015 COMPLETIONS</u>			
1	1 Medium Replacement Bus	115	Complete
2	1 Small Bus	61	Complete
3	Preventive Maintenance	97	Complete
<u>CARROLL COUNTY FY 2015 COMPLETIONS</u>			
1	2 Small Expansion Buses	120	Complete
2	2 Small Replacement Buses	120	Complete
3	Preventive Maintenance	70	Complete
<u>CECIL COUNTY FY 2015 COMPLETIONS</u>			
1	1 Medium Expansion Bus	226	Complete
2	2 Bus Wraps	5	Complete
3	2 Medium Replacement Buses	451	Complete
4	2 Small Buses	146	Complete
5	5 Fareboxes	4	Complete
6	5 Passenger Counters	1	Complete
7	Bus Shelters	68	Complete
8	Preventive Maintenance	104	Complete
<u>CHARLES COUNTY FY 2015 COMPLETIONS</u>			
1	2 Small Replacement Buses	105	Complete
2	Bus Stop Signs	8	Complete
3	Preventive Maintenance	227	Complete
4	Preventive Maintenance	227	Complete
5	Transit Facility Feasibility Study	300	Complete

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>DORCHESTER COUNTY FY 2015 COMPLETIONS</u>			
1	2 Small Buses	137	Complete
2	Cambridge Parking Lot Upgrade	18	Complete
3	Inspection Camera	1	Complete
4	Preventive Maintenance	60	Complete
5	Tire Changer/Balancer	32	Complete
6	Vehicle Lift	8	Complete

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>ELDERLY/DISABLED NON-PROFITS FY 2015 COMPLETIONS</u>			
1	Action in Maturity - 1 Expansion Small Bus	520	Complete
2	Action in Maturity - Preventive Maintenance	6	Complete
3	Allegany County HRDC, Inc - 2 Expansion Small Buses	96	Complete
4	Allegany County HRDC, Inc - Preventive Maintenance	13	Complete
5	Appalachian Parent Assoc - 1 Small Replacement Bus	52	Complete
6	Appalachian Parent Assoc - Misc Support Equip.	14	Complete
7	Appalachian Parent Association - 2 Small Buses	120	Complete
8	ARC of Baltimore - 2 Small Buses	121	Complete
9	ARC of Montgomery County - 2 Small Replacement Buses	104	Complete
10	ARC of Northern Chesapeake - 1 Expansion Small Bus	52	Complete
11	ARC of Northern Chesapeake - 1 Small Replacement Bus	52	Complete
12	ARC of Northern Chesapeake - Preventive Maintenance	14	Complete
13	ARC of Northern Chesapeake Region - 2 Small Buses	120	Complete
14	ARC of Prince George's - 1 Small Replacement Bus	52	Complete
15	ARC of Washington County - 1 Small Replacement Bus	52	Complete
16	Associated Catholic Charities - 1 Small Bus & Preventive Maintenance	61	Complete
17	Bay Community Support Services - 1 Small Bus	60	Complete
18	Bay Community Support Services - 4 Expansion Lift Equipped Mini Vans	144	Complete
19	Bay Community Support Services - Preventive Maintenance	13	Complete
20	Bayside Community Network - 2 Capital Maintenance Items Walker Racks	1	Complete
21	Bayside Community Network - 2 Small Replacement Buses	96	Complete
22	Bayside Community Network - Preventive Maintenance	19	Complete
23	Bayside Community Network- 2 Small Buses	121	Complete
24	Benedictine School for Exceptional Children - 1 Small Replacement Bus	52	Complete
25	Center for Life Enrichment - 2 Small Buses	120	Complete

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>ELDERLY/DISABLED NON-PROFITS FY 2015 COMPLETIONS (cont'd)</u>			
26	Charles County Nursing and Rehabilitation - 1 Small Replacement Bus	52	Complete
27	Chesapeake Care Resources, Inc. - 1 Small Replacement Bus	52	Complete
28	Chesapeake Care Resources, Inc. - Preventive Maintenance	18	Complete
29	Chi Centers - 1 Small Bus	60	Complete
30	CHI Centers - 2 Small Replacement Buses	104	Complete
31	Daybreak Adult Day Services - 1 Small Replacement Bus	52	Complete
32	Daybreak Adult Day Services - Preventive Maintenance	9	Complete
33	Delmarva Community Transit - 4 Small Replacement Buses	260	Complete
34	Delmarva Community Transit - Preventive Maintenance	29	Complete
35	Diakon - 1 Small Replacement Bus	52	Complete
36	Dove Pointe - 1 Small Bus	61	Complete
37	Dove Pointe, Inc. - 2 Expansion Small Buses	104	Complete
38	Dove Pointe, Inc. - Preventive Maintenance	33	Complete
39	Easter Seals Baltimore - 1 Small Replacement Bus	52	Complete
40	Easter Seals Baltimore - Preventive Maintenance	9	Complete
41	Easter Seals Hagerstown - 1 Small Bus	61	Complete
42	Easter Seals Hagerstown - 1 Small Replacement Bus	52	Complete
43	Easter Seals Hagerstown - Preventive Maintenance	9	Complete
44	Easter Seals Silver Spring - 1 Expansion Small Bus	52	Complete
45	Easter Seals Silver Spring - 1 Small Bus	60	Complete
46	Easter Seals Silver Spring - Preventive Maintenance	8	Complete
47	Freedom Landing - 1 Small Replacement Bus	52	Complete
48	Freedom Landing - Preventive Maintenance	3	Complete
49	Friends Aware - 1 Minivan	41	Complete
50	Friends Aware - 1 Replacement Mini-Van	36	Complete

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>ELDERLY/DISABLED NON-PROFITS FY 2015 COMPLETIONS (cont'd)</u>			
51	Friends Aware - 1 Small Replacement Bus	52	Complete
52	Friends Aware - Preventive Maintenance	18	Complete
53	Hopkins Elder Plus - 1 Small Replacement Bus	52	Complete
54	Hopkins Elder Plus - Preventive Maintenance	16	Complete
55	HUMANIM - 1 Small Expansion Bus	52	Complete
56	HUMANIM - 1 Small Replacement Bus	52	Complete
57	Jewish Council for Aging - 1 Small Expansion Bus	52	Complete
58	Kent Center - 1 Small Bus	62	Complete
59	Lifestyles, Inc - 1 Small Expansion Bus	52	Complete
60	Mosaic - 1 Small Expansion Bus	52	Complete
61	Mosaic - 1 Small Replacement Bus	52	Complete
62	Mosaic - Preventive Maintenance	20	Complete
63	Mount Zion Baptist Church - 1 Small Replacement Bus	52	Complete
64	Pleasant Day - 1 Small Replacement Bus	52	Complete
65	Progress Unlimited, Inc. - 2 Small Buses	120	Complete
66	Progress Unlimited, Inc. - 2 Small Expansion Buses	104	Complete
67	Progress Unlimited, Inc. - ADP Software	3	Complete
68	Prologue Inc - 2 Small Buses	120	Complete
69	Prologue, Inc. - 2 Small Replacement Buses	104	Complete
70	Providence Center - 1 Small Replacement Bus	52	Complete
71	Somerset Community Services, Inc - 1 Small Expansion Bus	52	Complete
72	Somerset Community Services, Inc - 1 Small Replacement Bus	52	Complete
73	Somerset Community Services, Inc. - 2 Small Buses	120	Complete
74	Southern Md. TCCAC - 1 Small Bus & Preventive Maintenance	60	Complete
75	Spring Dell - 1 Small Replacement Bus	52	Complete

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>ELDERLY/DISABLED NON-PROFITS FY 2015 COMPLETIONS (cont'd)</u>			
76	Spring Dell - 16 On Board Surveillance Cameras	28	Complete
77	Spring Dell - 3 Small Buses	180	Complete
78	Spring Dell - Preventive Maintenance	26	Complete
79	St Mary's Adult Medical Daycare - 1 Small Bus	60	Complete
80	St. Ann's Adult Day Services (aka Assoc. Catholic Charities) - 1 Small Replacement Bus	52	Complete
81	St. Ann's Adult Day Services (aka Assoc. Catholic Charities) - Preventive Maintenance	9	Complete
82	St. Mary's Adult Medical Day Care, Inc. - 1 Small Replacement Bus	52	Complete
83	St. Mary's Adult Medical Day Care, Inc. - Preventive Maintenance	3	Complete
84	The League for People with Disabilities - 1 Small Expansion Bus	52	Complete
85	UCP of Central Maryland - 1 Small Expansion Bus	52	Complete
86	UCP of Central Maryland - 1 Small Replacement Bus	52	Complete
87	UCP of Central Maryland - 2 Small Replacement Buses	104	Complete
88	Washington County CAC - 1 Small Expansion Bus	52	Complete
89	Washington County CAC - Preventive Maintenance	16	Complete
90	Washington County Community Action Council - 3 Small Buses	183	Complete
91	Washington County HDC - 2 Small Expansion Buses	104	Complete
92	Way Station - 2 Small Buses	120	Complete
93	Way Station - 3 Small Expansion Buses	156	Complete
94	Way Station - Preventive Maintenance	10	Complete
95	Worcester County Comm on Aging - 1 Computer	1	Complete
96	Worcester County Comm on Aging - Preventive Maintenance	6	Complete
97	Worcester County Commission on Aging - 1 Minivan	40	Complete
98	Worcester County Developmental Center - 1 Expansion Mini-Van	36	Complete
99	Worcester County Developmental Center - 1 Small Expansion Bus	52	Complete
100	Worcester County Developmental Center - Preventive Maintenance	19	Complete

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>FREDERICK COUNTY FY 2015 COMPLETIONS</u>			
1	Preventive Maintenance	600	Complete
2	Preventive Maintenance	70	Complete
<u>GARRETT COUNTY FY 2015 COMPLETIONS</u>			
1	1 Small Bus	50	Complete
2	Preventive Maintenance	191	Complete
<u>HARFORD COUNTY FY 2015 COMPLETIONS</u>			
1	Non-Revenue Vehicle	28	Complete
2	Preventive Maintenance	57	Complete
3	Training PCs, AudioVisual Training Equipment & Software	10	Complete
<u>HOWARD COUNTY FY 2015 COMPLETIONS</u>			
1	1 Small Hybrid Bus	104	Complete
2	Bus Shelters	50	Complete
<u>OCEAN CITY FY 2015 COMPLETIONS</u>			
1	Bus Barn Roof Repairs	125	Complete
2	Passenger Shelters and Parts	30	Complete
3	Preventive Maintenance	600	Complete
<u>QUEEN ANNE'S COUNTY FY 2015 COMPLETIONS</u>			
1	Preventive Maintenance	45	Complete
<u>SOMERSET COUNTY FY 2015 COMPLETIONS</u>			
1	See Tri-County Council for the Lower Eastern Shore Projects		

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>ST MARY'S COUNTY FY 2015 COMPLETIONS</u>			
1	Preventive Maintenance	50	Complete
<u>TALBOT COUNTY FY 2015 COMPLETIONS</u>			
1	See Caroline County for Projects		
<u>TRI-COUNTY COUNCIL FOR LOWER EASTERN SHORE FY 2015 COMPLETIONS</u>			
1	1 Laptop	2	Complete
2	1 Medium Replace Bus	142	Complete
3	1 Minivan	45	Complete
4	1 Minivan	45	Complete
5	1 Small Bus	62	Complete
6	4 Small Buses	243	Complete
7	Bus Security Cameras	30	Complete
8	Expansion Mini Van	45	Complete
9	GPS Hardware	4	Complete
10	ID Card Machine	4	Complete
11	Maintenance Facility Support Vehicle	40	Complete
12	Maintenance Shop Equipment	15	Complete
13	Office Equipment	9	Complete
14	Preventive Maintenance	900	Complete
15	Shop Equipment	18	Complete
<u>WASHINGTON COUNTY FY 2015 COMPLETIONS</u>			
1	Farebox Equipment	40	Complete
2	Preventive Maintenance	150	Complete

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST (\$000's)	CONSTRUCTION START
	<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>		
	<u>WICOMICO COUNTY FY 2015 COMPLETIONS</u>		
1	See Tri-County Council for the Lower Eastern Shore for Projects		
	<u>WORCESTER COUNTY FY 2015 COMPLETIONS</u>		
1	See Tri-County Council for the Lower Eastern Shore and Ocean City for Projects		

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>ALLEGANY COUNTY FY 2016 AND 2017</u>			
1	2 Small Replacement Buses	95	FY 2016
2	Computers - 4	6	FY 2016
3	Vehicle Cameras APC	237	FY 2016
4	Replacement HD Bus	380	FY 2017
5	Replacement Bus 12/2	55	FY 2017
6	Replacement Bus 8/2	55	FY 2017
7	Security System for Transit Facility	8	FY 2017
8	Shop Equipment	3	FY 2017
9	Vehicle Parking Addition	12	FY 2017
10	Preventive Maintenance	350	Ongoing
11	Preventive Maintenance	321	Ongoing

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>ANNAPOLIS FY 2016 AND 2017</u>			
1	Maintenance Shop Rehabilitation	105	FY 2016
2	Preventive Maintenance	350	FY 2016
3	40 Bus Stop Shelters	200	Underway
4	Bus Stop Lighting and Signs	220	Underway
5	Bus Wash Rehabilitation	261	Underway
6	Electronic Farebox System	300	Underway
7	Facility Cameras & Lighting	65	Underway
8	Facility HVAC Rehabilitation	174	Underway
9	Operations Control Center	50	Underway
10	Preventive Maintenance	180	Underway
11	Support Vehicle	70	Underway
12	Surveillance Cameras	221	Underway
13	Tech Assistance	20	Underway
14	Tire Storage Facility	152	Underway
15	Vehicle Farebox	1	Underway
<u>ANNE ARUNDEL COUNTY FY 2016 AND 2017</u>			
1	See Annapolis for Projects		
2	Ridesharing	193	Ongoing
<u>BALTIMORE CITY FY 2016 AND 2017</u>			
1	Ridesharing (FY16)	80	FY 2016
<u>BALTIMORE COUNTY FY 2016 AND 2017</u>			
1	Ridesharing (FY16)	170	FY 2016
2	Ridesharing (FY15)	170	Ongoing

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>CALVERT COUNTY FY 2016 AND 2017</u>			
1	2 Electronic Fareboxes	30	FY 2016
2	2 Fleet Radios	5	FY 2016
3	Dispatch Software	32	FY 2016
4	Fleet Radios	10	FY 2016
5	Fleet Radios	38	FY 2016
6	Preventive Maintenance	34	FY 2016
7	Ridesharing	9	FY 2016
8	2 Small Replacement Buses	148	FY 2017
9	4 Medium Replacement Buses	633	FY 2017
10	Electronic Fareboxes	30	FY 2017
11	In-Vehicle Camera System	50	FY 2017
12	Preventive Maintenance	36	FY 2017
13	Replacement Small Bus	67	FY 2017
14	Preventive Maintenance	136	FY 2018
15	Preventive Maintenance	125	Ongoing
<u>CAROLINE COUNTY FY 2016 AND 2017</u>			
1	Block Heater Outlet	11	Underway
2	Denton Parking Bus Shelter	9	Underway

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>CARROLL COUNTY FY 2016 AND 2017</u>			
1	2 Small Expansion Buses	122	FY 2017
2	2 Small Replacement Buses	122	FY 2017
3	6 Small Replacement Buses	366	FY 2017
4	Preventive Maintenance	200	FY 2017
5	Preventive Maintenance	200	Ongoing
6	Preventive Maintenance	200	Underway

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>CECIL COUNTY FY 2016 AND 2017</u>			
1	1 Security Door	6	FY 2016
2	11 Tablets	7	FY 2016
3	Preventive Maintenance	150	FY 2016
4	Transit Hub Study/Needs	70	FY 2016
5	1 Replacement Bus 35'	226	FY 2017
6	2 Expansion 35' HD Buses	451	FY 2017
7	2 Small Bus Replacements	152	FY 2017
8	3 Bus Wraps	13	FY 2017
9	3 Surveillance Cameras	18	FY 2017
10	Automated Stop Annunciators	82	FY 2017
11	Bus Wraps	6	FY 2017
12	Mobile Radios	29	FY 2017
13	Preventive Maintenance	55	Ongoing
14	Preventive Maintenance	150	Ongoing
15	3 Bus Wraps	16	Underway
16	NextBus Passenger Info System	64	Underway
17	North Bus Canopy Expansion	90	Underway
18	Route Match System	53	Underway
<u>CENTRAL MD NON-PROFIT FY 2016 AND 2017</u>			
1	Central MD Reg. Trans	1,139	FY 2016
2	Partners in Care	294	FY 2016
3	Sojourner-Douglass	409	FY 2016
4	Job Access and Reverse Commute (JARC) Program	2,382	Ongoing
5	New Freedom Program	542	Ongoing

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>CHARLES COUNTY FY 2016 AND 2017</u>			
1	1 Small Expansion Bus	148	FY 2017
2	3 Medium Replacement Buses	466	FY 2017
3	3 Small Replacement Buses	227	FY 2017
4	4 GenFare Fareboxes	60	FY 2017
5	4 Replacement Buses	592	FY 2017
6	Onboard Security Camera System	138	FY 2017
7	Preventive Maintenance	227	FY 2018
8	Preventive Maintenance	227	Ongoing
9	Feasibility Study Phase II	300	Underway
10	P&R Facility Improvements	232	Underway
11	Rt 301 P&R Improvements	232	Underway
<u>DORCHESTER COUNTY FY 2016 AND 2017</u>			
1	Generator	3	FY 2016
2	Oil Storage Delivery System	4	FY 2016
3	Preventive Maintenance	75	FY 2016
4	1 Medium Replacement Bus	113	FY 2017
5	3 Small Replacement Buses	210	FY 2017
6	Preventive Maintenance	60	Ongoing
7	10 AVL Units	42	Underway
8	3.5 Ton Jack	1	Underway
9	Circuit Tester	1	Underway
10	Safety Cabinet	1	Underway
11	Smoke Machine	3	Underway

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
	<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>		
	<u>EASTERN SHORE NON-PROFITS FY 2016 AND 2017</u>		
1	Job Access and Reverse Commute (JARC) Program	47	Ongoing
2	New Freedom Program	882	Ongoing

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>ELDERLY/DISABLED NON-PROFITS FY 2016 AND 2017</u>			
1	Action in Maturity - Preventive Maintenance	12	FY 2016
2	Adult Day Care Corp. of Calvert County - Preventive Maintenance	3	FY 2016
3	Allegany County HRDC, Inc. - Preventive Maintenance	27	FY 2016
4	Appalachian Parent Association - Preventive Maintenance	39	FY 2016
5	ARC of Northern Chesapeake - Preventive Maintenance	22	FY 2016
6	ARC of Washington County - Preventive Maintenance	15	FY 2016
7	Associated Catholic Charities - 3 Small Buses & Preventive Maintenance	198	FY 2016
8	Bayside Community Network - Preventive Maintenance	30	FY 2016
9	Center for Life Enrichment - Preventive Maintenance	33	FY 2016
10	Charles County Nursing and Rehabilitation - Preventive Maintenance	24	FY 2016
11	Chesapeake Care Resources, Inc. - Preventive Maintenance	33	FY 2016
12	Comprehensive Housing Assist. - Preventive Maintenance	3	FY 2016
13	Daybreak Adult Day Services - Preventive Maintenance	21	FY 2016
14	Diakon - Preventive Maintenance	3	FY 2016
15	Dorchester Co. Comm. Of Aging - Preventive Maintenance	17	FY 2016
16	Dove Pointe, Inc. - Preventive Maintenance	57	FY 2016
17	Easter Seals Baltimore - Preventive Maintenance	24	FY 2016
18	Easter Seals Hagerstown - Preventive Maintenance	18	FY 2016
19	Easter Seals Silver Spring - Preventive Maintenance	24	FY 2016
20	Freedom Landing - Preventive Maintenance	9	FY 2016
21	Friends Aware - Preventive Maintenance	42	FY 2016
22	Hopkins Elder Plus - Preventive Maintenance	53	FY 2016
23	HUMANIM - Preventive Maintenance	20	FY 2016
24	Jewish Council of Aging (Wash) - Preventive Maintenance	109	FY 2016
25	Kent Center - 1 Small Bus & Preventive Maintenance	69	FY 2016

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>ELDERLY/DISABLED NON-PROFITS FY 2016 AND 2017 (cont'd)</u>			
26	Lifestyles, Inc. - Preventive Maintenance	2	FY 2016
27	Mosaic - Preventive Maintenance	56	FY 2016
28	Partners in Care - Preventive Maintenance	5	FY 2016
29	Progress Unlimited, Inc. - Preventive Maintenance	76	FY 2016
30	Shore Up! - Preventive Maintenance	12	FY 2016
31	Spring Dell - Preventive Maintenance	45	FY 2016
32	St. Mary's Nursing Center, Inc. - Preventive Maintenance	6	FY 2016
33	Star Community - Preventive Maintenance	3	FY 2016
34	The League for People with Disabilities - Preventive Maintenance	7	FY 2016
35	Unified Community Connections - Preventive Maintenance	12	FY 2016
36	Washington County HDC - Preventive Maintenance	6	FY 2016
37	Winter Growth - Preventive Maintenance	2	FY 2016
38	Wocester County Comm on Aging - Preventive Maintenance	15	FY 2016
39	Worcester County Developmental Center - Preventive Maintenance	42	FY 2016
40	Action in Maturity 1 Replacement Bus	60	FY 2017
41	Appalachian Parent Assn - 1 Small Replacement Bus	60	FY 2017
42	ARC of Montgomery County - 3 Small Expansion Buses	180	FY 2017
43	ARC of Prince George's County - 2 Small Replacement Buses	120	FY 2017
44	ARC of Prince George's County - 1 Expansion Bus	60	FY 2017
45	ARC of Washington County - 1 Small Replacement Bus	60	FY 2017
46	Bayside Community Network - 1 Small Replacement Bus	60	FY 2017
47	Center for Life Enrichment - 2 Small Replacement Buses	120	FY 2017
48	Charles County Nursing and Rehabilitation - 1 Small Replacement Bus	60	FY 2017
49	Cheasapeake Care Resources, Inc. - 2 Small Replacement Buses	120	FY 2017
50	CHI Centers - 2 Small Replacement Buses	120	FY 2017

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>ELDERLY/DISABLED NON-PROFITS FY 2016 AND 2017 (cont'd)</u>			
51	Comprehensive Housing Assist. - 1 Expansion Bus	60	FY 2017
52	Daybreak Adult Day Services - 1 Small Replacement Bus	60	FY 2017
53	Delmarva Community Transit - 1 Small Replacement Bus	60	FY 2017
54	Diakon - 1 Small Replacement Bus	60	FY 2017
55	Dorchester Co. Comm. of Aging - 1 Replacement Bus	60	FY 2017
56	Dove Point, Inc. - 2 Small Replacement Buses	120	FY 2017
57	Easter Seals Baltimore - 2 Small Expansion Buses	120	FY 2017
58	Easter Seals Hagerstown - 1 Small Replacement Bus	60	FY 2017
59	Easter Seals Silver Spring - 2 Small Expansion Buses	120	FY 2017
60	Family & Childrens Services of Central MD - 1 Expansion Bus	60	FY 2017
61	Freedom Landing - 1 Expansion Minivan	40	FY 2017
62	Freedom Landing - 1 Small Replacement Bus	60	FY 2017
63	Friends Aware - 1 Small Replacement Bus	60	FY 2017
64	Hopkins Elder Plus - 2 Small Replacement Buses	120	FY 2017
65	HUMANIM - 2 Small Replacement Buses	120	FY 2017
66	Jewish Council for Aging - 3 Small Replacement Buses	180	FY 2017
67	Lifebridge Health - 1 expansion Bus & 2 Replacement Buses	180	FY 2017
68	Lifebridge Health- Equipment	72	FY 2017
69	Lifestyles, Inc. -1 Small Expansion Bus	60	FY 2017
70	Lower Shore Enterprises - 2 Replacement Buses	120	FY 2017
71	Progress Unlimited, Inc. 2 Small Expansion Buses	120	FY 2017
72	Providence Center - Equipment	53	FY 2017
73	Spring Dell - 2 Small Replacement Buses	120	FY 2017
74	St. Mary's Adult Medical Day Care, Inc. - Preventive Maintenance	6	FY 2017
75	Star Community - 1 Replacement Bus	60	FY 2017

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>ELDERLY/DISABLED NON-PROFITS FY 2016 AND 2017 (cont'd)</u>			
76	The League for People with Disabilities - 2 Small Expansion Buses	120	FY 2017
77	Unified Community Connections - 1 Replacement Bus	60	FY 2017
78	Winter Growth - 1 Replacement Bus	60	FY 2017
79	ARC of Montgomery County - Preventive Maintenance	25	Ongoing
80	ARC of Montgomery County - 1 Small Bus & Preventive Maintenance	60	Ongoing
81	ARC of Washington County - Preventive Maintenance	13	Ongoing
82	Charles County Nursing and Rehabilitation - Preventive Maintenance	9	Ongoing
83	Lifestyles, Inc - Preventive Maintenance	3	Ongoing
84	Pleasant Day - Preventive Maintenance	15	Ongoing
85	Progress Unlimited, Inc. - Preventive Maintenance	10	Ongoing
86	Somerset Community Services, Inc - Preventive Maintenance	11	Ongoing
87	St. Mary's Nursing Center, Inc - Preventive Maintenance	5	Ongoing
88	The League for People with Disabilities - Preventive Maintenance	5	Ongoing
89	UCP of Central Maryland (aka UCC) - Preventive Maintenance	15	Ongoing
90	Washington County HDC - Preventive Maintenance	7	Ongoing

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>FREDERICK COUNTY FY 2016 AND 2017</u>			
1	Infrastructure Electric Bus	125	FY 2016
2	Preventive Maintenance	700	FY 2016
3	Ridesharing	123	FY 2016
4	2 Electric Buses	1,200	FY 2017
5	2 Small Replacement Buses	170	FY 2017
6	3 Electric Buses	1,590	FY 2017
7	APC for Buses (27)	150	FY 2017
8	AVL and Infrastructure for 27 Buses	125	FY 2017
9	Preventive Maintenance	70	FY 2017
10	Preventive Maintenance	70	Ongoing
11	Preventive Maintenance	600	Ongoing
12	Ridesharing	123	Ongoing
13	1 Small Bus	60	Underway
<u>GARRETT COUNTY FY 2016 AND 2017</u>			
1	AVL	21	FY 2016
2	3 Small Bus Replacement	180	FY 2017
3	Preventive Maintenance	215	FY 2017
4	2 Small Buses	120	FY 2018
5	On Board Cameras	75	FY 2018
6	Preventive Maintenance	202	Ongoing

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>HARFORD COUNTY FY 2016 AND 2017</u>			
1	A/C Training Room	15	FY 2016
2	AVL - Communications/Signage	165	FY 2016
3	AVL Additions VLLU	40	FY 2016
4	AVL-IVR	60	FY 2016
5	AVL-Passenger Count	131	FY 2016
6	Bus Wash Renovations	30	FY 2016
7	Operator Training Room A/C	25	FY 2016
8	Ridesharing	88	FY 2016
9	Vehicle Video Security System	150	FY 2016
10	1 Medium Bus	198	FY 2017
11	1 Medium Lowfloor Bus	196	FY 2017
12	Preventive Maintenance	200	FY 2017
13	Preventive Maintenance	100	Ongoing
14	Preventive Maintenance	200	Ongoing
15	Ridesharing	88	Ongoing
16	Bus Shelters	130	Underway
17	Bus Stop Info Signs	15	Underway
18	Bus Wash Renovation	55	Underway
19	Call Center Phone	13	Underway
20	Garage Door Repair	30	Underway
21	Heavy Duty Jack	17	Underway
22	Maintenance Equipment	17	Underway
23	Portable Bus Lift	40	Underway

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>HOWARD COUNTY FY 2016 AND 2017</u>			
1	Ridesharing	130	FY 2016
2	Ridesharing	130	Ongoing
3	4 Hybrid Sedans	100	Underway
4	Bus IT Package	78	Underway
5	Central Maryland Operations Facility	750	Underway
6	Electric Bus Project	3,778	Underway
7	Voucher Card System	179	Underway
<u>MONTGOMERY COUNTY FY 2016 AND 2017</u>			
1	Bus Replacement	7,000	FY 2016
2	Ridesharing	372	FY 2016
3	Ridesharing	372	Ongoing
<u>OCEAN CITY FY 2016 AND 2017</u>			
1	Preventive Maintenance	600	FY 2016
2	3 40' Bus Replacements	1,362	FY 2017
3	3 Large Replacement Buses	1,362	FY 2017
4	Preventive Maintenance - Money Counters	15	FY 2017
5	Transit Facility & Bus Barn D&E	1,250	FY 2017
6	3 Heavy Duty Replacement Buses	1,362	FY 2018
7	Preventive Maintenance	600	Ongoing
8	Bus Barn Fire Suppression	15	Underway

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>PRINCE GEORGE'S COUNTY FY 2016 AND 2017</u>			
1	Ridesharing	269	FY 2016
2	Ridesharing	269	Ongoing
3	Bus Stop Improvements	500	Underway
4	Bus Stop Improvements	500	Underway
<u>QUEEN ANNE'S COUNTY FY 2016 AND 2017</u>			
1	Preventive Maintenance	50	FY 2016
2	Bus Cameras	40	FY 2017
3	Bus Wash Facility Renovation	70	Underway
<u>SOMERSET COUNTY FY 2016 AND 2017</u>			
1	See Tri-County Council for the Lower Eastern Shore Projects		
<u>SOUTHERN MD NON-PROFITS FY 2016 AND 2017</u>			
1	Job Access and Reverse Commute (JARC) Program	100	Ongoing
2	New Freedom Program	400	Ongoing

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>ST. MARY'S COUNTY FY 2016 AND 2017</u>			
1	24 Bus Cameras	45	FY 2016
2	Preventive Maintenance	94	FY 2016
3	2 Medium Replacement Buses	387	FY 2017
4	2 Medium Replacement Buses	233	FY 2017
5	4 Medium Replacement Buses	500	FY 2017
6	3 Medium Buses	414	FY 2018
7	Preventive Maintenance	50	Ongoing
8	Brake Lathe	14	Underway
9	New Bus Shelter-California P&R	12	Underway
<u>TALBOT COUNTY FY 2016 AND 2017</u>			
1	See Caroline County for Projects		

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>TRI-COUNTY COUNCIL FOR LOWER EASTERN SHORE FY 2016 AND 2017</u>			
1	Preventive Maintenance	850	FY 2016
2	2 Medium Replacement Buses	300	FY 2017
3	2 Minivans Replacement	90	FY 2017
4	3 Small Replacement Buses	210	FY 2017
5	EAM Maintenance Software	80	FY 2017
6	Expansion - Small Bus	62	FY 2017
7	Expansion Bus	62	FY 2017
8	Maintenance Shop Equipment	28	FY 2017
9	Medium Bus Replacement	116	FY 2017
10	Server and Data Storage	15	FY 2017
11	Facility Construction Phase III	1,557	FY 2018
12	Preventive Maintenance	850	Ongoing
13	Mobility Management	143	Underway
14	Passenger Amenities	75	Underway
15	Trapeze Call Back Module	16	Underway
16	Trapeze Cert. Module	16	Underway

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
<u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u>			
<u>WASHINGTON COUNTY FY 2016 AND 2017</u>			
1	1 Small Replacement Bus	74	FY 2017
2	Fuel Monitoring System	16	FY 2017
3	Pressure Washer for Bus	13	FY 2017
4	Preventive Maintenance	250	FY 2017
5	Route Match Notification System	27	FY 2017
6	Small Bus Replacement	70	FY 2017
7	Vehicle Lift System	47	FY 2017
8	Preventive Maintenance	250	Ongoing
9	1 Small Bus	51	Underway
10	On-Board Surveillance Cameras	80	Underway
11	On-Vehicle Video Surveillance	82	Underway
12	Passenger Shelter Installs	100	Underway
<u>WESTERN MD NON-PROFITS FY 2016 AND 2017</u>			
1	Washington Co CAC	100	FY 2016
2	Job Access and Reverse Commute (JARC) Program	34	Ongoing
3	New Freedom Program	68	Ongoing
<u>WICOMICO COUNTY FY 2016 AND 2017</u>			
1	See Tri-County Council for the Lower Eastern Shore for Projects		
2	Preventive Maintenance	250	Ongoing
<u>WORCESTER COUNTY FY 2016 AND 2017</u>			
1	See Tri-County Council for the Lower Eastern Shore and Ocean City for Projects		

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 49 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY16 + FY17 PROJECT COST (\$000's)	CONSTRUCTION START
1	<p align="center"><u>LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)</u></p> <p align="center"><u>KENT COUNTY</u></p> <p>See Caroline County for Projects</p>		