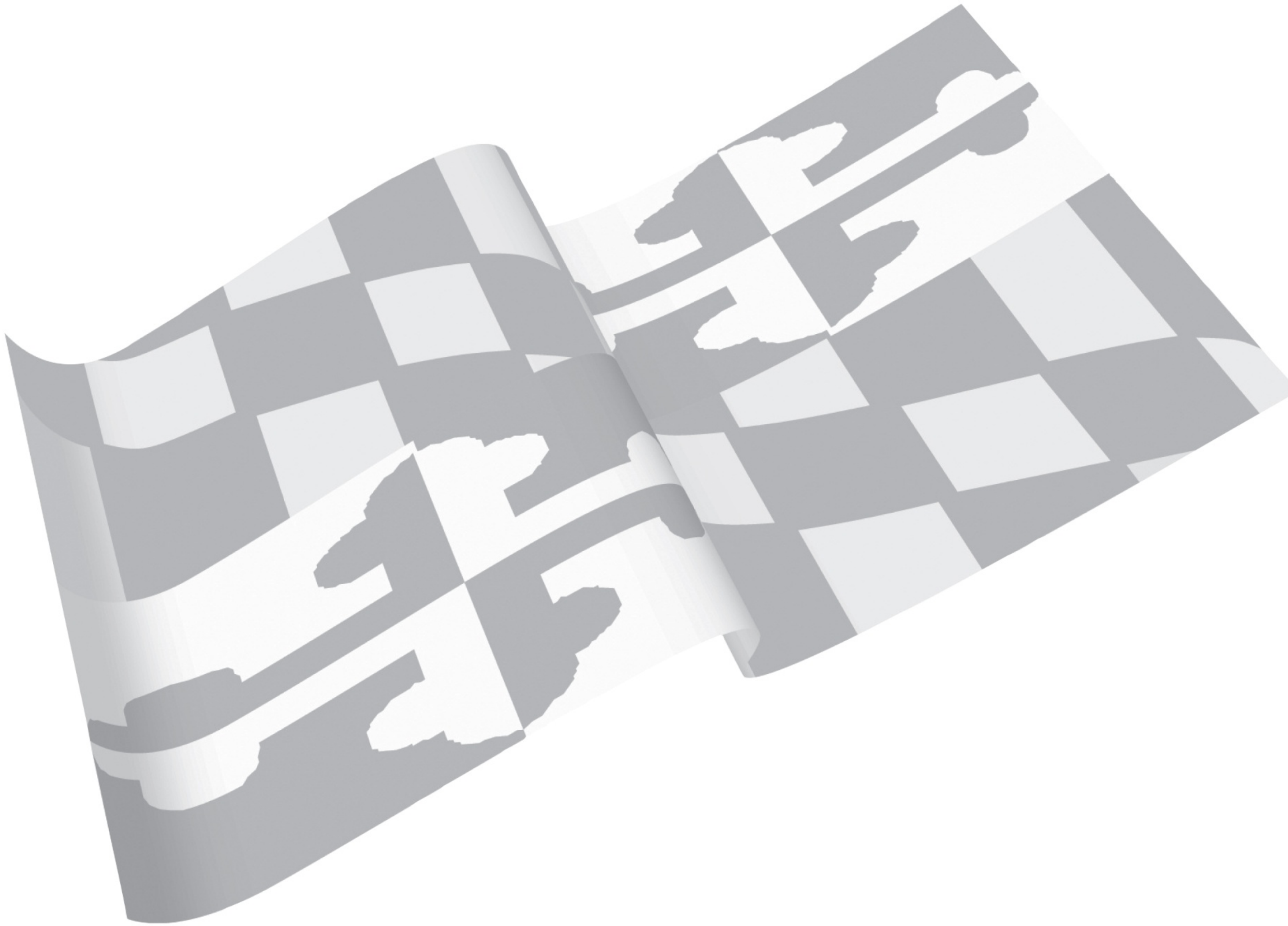


MDOT MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION

MARYLAND TRANSIT ADMINISTRATION
CAPITAL PROGRAM SUMMARY
($ MILLIONS)

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	SIX-YEAR TOTAL
Construction Program							
Major Projects	501.2	543.9	561.4	311.0	239.9	237.2	2,394.6
System Preservation Minor Projects	108.4	82.5	80.7	57.0	71.4	124.6	524.5
Development & Evaluation Program	6.6	2.0	0.9	0.5	0.4	2.8	13.1
SUBTOTAL	616.2	628.3	642.9	368.6	311.8	364.5	2,932.3
Capital Salaries, Wages & Other Costs	8.7	12.5	12.5	13.0	14.0	14.0	74.7
TOTAL	624.9	640.8	655.4	381.6	325.8	378.5	3,007.0
Special Funds	152.1	119.6	197.0	146.2	137.8	130.3	882.9
Federal Funds	418.1	488.1	365.0	234.6	187.1	247.5	1,940.4
Other Funding	54.7	33.2	93.3	0.8	0.8	0.8	183.7

MARC

Freight

Light Rail

Baltimore Metro

Bus

Multi-Modal

Locally Operated Transit Systems

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION

MDOT MTA CONSTRUCTION PROGRAM

PROJECT: MARC Maintenance, Layover, and Storage Facilities

DESCRIPTION: Planning, environmental documentation, design, property acquisition, and construction of maintenance, layover, and storage facilities. Includes design and construction funding for storage tracks at the MARC Martin State Airport facility, the acquisition and construction of a heavy maintenance building at the Riverside, and the purchase of the Brunswick 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.

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: Additional storage capacity enables MARC trains to be stored away from passenger platforms, minimizing disruptions and delays caused by congestion around the platforms and will help with maintenance inspections. The new maintenance facility will house specialized equipment to support maintenance of MARC's diesel locomotives.

STATUS: Design of Martin State Airport storage tracks complete. Acquisition of the Riverside Maintenance Facility was completed in FY 20. Design is underway for the construction of a new heavy maintenance building at the Riverside location.

POTENTIAL FUNDING SOURCE: ☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	978	894	84	0	0	0	0	0	84	0
Engineering	8,371	2,351	1,874	3,146	0	0	0	1,000	6,020	0
Right-of-way	27,760	369	20,700	4,691	2,000	0	0	0	27,391	0
Construction	59,795	6	272	11,925	46,288	1,304	0	0	59,789	0
Total	96,904	3,620	22,930	19,762	48,288	1,304	0	1,000	93,284	0
Federal-Aid	75,691	1,207	18,344	15,809	38,488	1,043	0	800	74,484	0

1177, 1217, 1545, 1572

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Funding totaling $53.0M was added for purchase of the MARC Brunswick Maintenance and Layover Facility and construction of the Riverside Heavy Maintenance Facility.

USAGE: MARC annual ridership in FY 19 exceeded 9.1 million.

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.

SMART GROWTH STATUS: [X] 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

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

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

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

ASSOCIATED IMPROVEMENTS:
None.

STATUS: Ongoing projects on the Camden and Brunswick lines include improvements to the Brunswick platform and station track, replacement of Carroll and W. Baltimore/Lansdowne interlockings, improvements to the Jessup yard, and upgrades to the signals at Greenbelt. Ongoing projects on the Penn Line are determined by the Passenger Rail Investment and Improvement Act of 2008.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost increased by $37.9M due to the addition of FY 25.

USAGE: MARC annual ridership in FY 19 exceeded 9.1 million.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	100	0	0	0	0	0	0	100	100	0
Engineering	6,566	5,741	25	0	0	0	0	800	825	0
Right-of-way	1,607	1,607	0	0	0	0	0	0	0	0
Construction	433,508	236,664	33,699	28,128	41,403	28,415	29,087	36,112	196,844	0
Total	441,781	244,012	33,724	28,128	41,403	28,415	29,087	37,012	197,769	0
Federal-Aid	319,489	182,756	24,829	20,303	20,628	20,950	22,144	27,879	136,733	0

0183, 0687, 1460, 1544, 1571

PROJECT: MARC Coaches - Overhauls and Replacement

DESCRIPTION: Minor overhaul of 63 MARC III coaches, purchase of 54 MARC IV multi-level coaches along with overhaul of railcars and truck components, five-year overhaul of 54 MARC IV multi-level coaches, and the overhaul/procurement of MARC bi-level railcars.

PURPOSE & NEED SUMMARY STATEMENT: Overhauls will extend the life cycle of mechanical systems and car bodies, providing safe and reliable vehicles for MARC service.

SMART GROWTH STATUS: [X] 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
[X] System Preservation
[X] Quality of Service
[ ] Environmental Stewardship
[ ] Community Vitality
[ ] Economic Prosperity

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

STATUS: A high speed testing report for MARC IV multi-level vehicles was approved by FRA in FY 19 and the project is complete. Overhaul of MARC III vehicles underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost decreased by $15.1M due to adjusting the MARC IIA overhaul and replacement program.

USAGE: MARC annual ridership in FY 19 exceeded 9.1 million.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,354	604	0	0	0	0	0	750	750	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	230,002	182,004	9,094	15,959	7,570	3,075	12,300	0	47,998	0
Total	231,356	182,608	9,094	15,959	7,570	3,075	12,300	750	48,748	0
Federal-Aid	174,553	136,769	7,161	12,767	4,957	2,459	9,840	600	37,784	0

1263, 1304, 1502, 1567, 1569

PROJECT: MARC Locomotives - Overhauls and Replacements

DESCRIPTION: Procure and overhaul eight new diesel SC-44 locomotives, overhaul six GP39H-2 diesel locomotives, complete mid-life overhaul for 26 MP36PH-3C diesel locomotives, develop specifications for new locomotive procurements, and replace six electric 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.

SMART GROWTH STATUS: [X] 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
- [X] System Preservation
- [ ] Quality of Service
- [ ] Environmental Stewardship
- [ ] Community Vitality
- [ ] Economic Prosperity

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

STATUS: All (8) SC-44 diesel locomotives are in revenue service and received final acceptance in FY 19 and the project is complete. The first two of six overhauled GP-39 are currently under inspection.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost decreased by $11.1M due to adjustments to the locomotive mid-life overhaul program.

USAGE: MARC annual ridership in FY 19 exceeded 9.1 million.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	2,300	1,345	5	450	0	0	0	500	955	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	131,701	61,525	6,051	5,925	6,855	13,500	15,350	22,495	70,176	0
Total	134,001	62,870	6,056	6,375	6,855	13,500	15,350	22,995	71,131	0
Federal-Aid	103,738	47,787	4,032	4,960	5,483	10,800	12,280	18,396	55,951	0

1440, 1444, 1500, 1501, 1568

PROJECT: MARC Positive Train Control

DESCRIPTION: Implementation and development of Positive Train Control (PTC) 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. All locomotives and cab cars will be upgraded to operate the Positive Train Control system.

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

SMART GROWTH STATUS: [X] 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:**

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

EXPLANATION: Ensure the safe operation of MARC service.

STATUS: Onboard hardware has been installed on all MARC diesel locomotives and cab cars. MARC is operating with PTC on Camden and Brunswick Line trains. Preparing for PTC testing on Amtrak line.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

USAGE: MARC annual ridership in FY 19 exceeded 9.1 million.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	737	24	713	0	0	0	0	0	713	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	36,038	29,675	4,513	1,850	0	0	0	0	6,363	0
Total	36,775	29,699	5,226	1,850	0	0	0	0	7,076	0
Federal-Aid	29,154	23,726	4,180	1,248	0	0	0	0	5,428	0

1380

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.

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

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 includes inspection and repairs to garages as well as maintenance repairs and passenger improvements to the station.

STATUS: Construction is substantially complete. A ribbon cutting was held on December 10, 2019 and the station is open for use.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

USAGE: MARC annual ridership in FY 19 exceeded 9.1 million.

POTENTIAL FUNDING SOURCE: ☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	405	405	0	0	0	0	0	0	0	0
Engineering	3,355	2,646	354	0	0	0	280	75	709	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	10,690	8,163	2,062	145	0	0	145	175	2,527	0
Total	14,450	11,214	2,416	145	0	0	425	250	3,236	0
Federal-Aid	7,444	5,664	1,664	116	0	0	0	0	1,780	0

1209, 1358

PROJECT: MARC Camden Station Improvements

DESCRIPTION: Complete replacement of the temporary MARC Camden Station at Howard and Conway Streets, including indoor passenger waiting area and amenities, police substation, fiber and systems cabinets and conduit, bike racks, and a new brick and steel façade. The new station will also provide wayfinding/maps for connection to local trails and attractions.

PURPOSE & NEED SUMMARY STATEMENT: The existing structure at MARC Camden Station was intended to be temporary when constructed over two decades ago. A new facility is needed to accommodate MARC Train riders with a permanent facility at the Camden Line's northern terminus, that is contextual with the historic Camden Yards campus.

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

- [X] 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
- [X] System Preservation
- [ ] Quality of Service
- [ ] Environmental Stewardship
- [X] Community Vitality
- [ ] Economic Prosperity

EXPLANATION: Project includes replacement of a temporary facility to make it permanent and to compliment the surrounding architecture.

STATUS: The project has achieved substantial completion. A grand opening was held with a ribbon cutting on September 12, 2019 and the station is open for use.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

USAGE: MARC annual ridership in FY 19 exceeded 9.1 million.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,123	705	418	0	0	0	0	0	418	0
Right-of-way	25	0	25	0	0	0	0	0	25	0
Construction	6,052	3,296	2,756	0	0	0	0	0	2,756	0
Total	7,200	4,001	3,199	0	0	0	0	0	3,199	0
Federal-Aid	4,164	2,016	2,148	0	0	0	0	0	2,148	0

1492

PROJECT: Homeland Security

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

PURPOSE & NEED SUMMARY STATEMENT: This project enhances MDOT 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: [X] 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:**

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

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

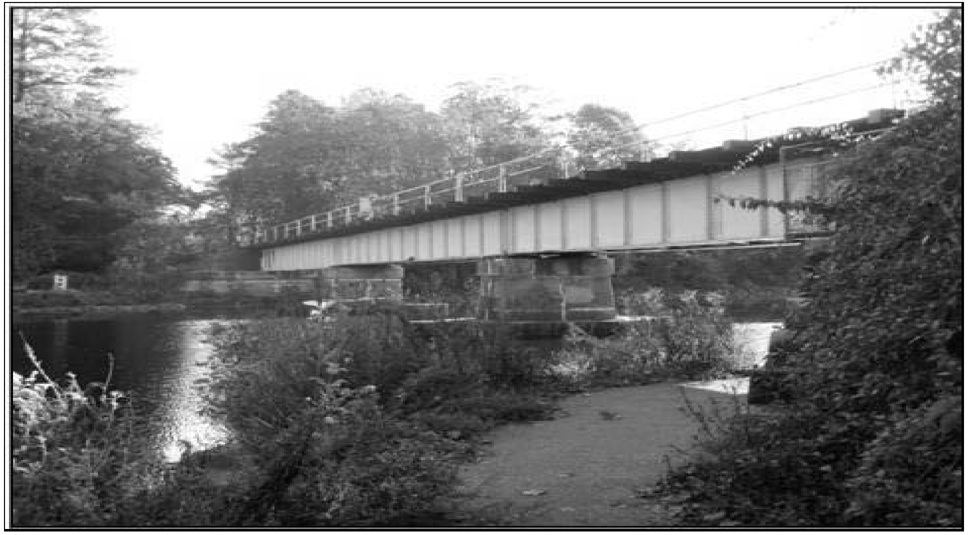
STATUS: Construction for FY 17 and FY 18 Homeland Security Grants are underway. FY 15 grant was completed in FY 19. FY 16 grant completed in FY20.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	596	501	95	0	0	0	0	0	95	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	7,488	5,577	1,911	0	0	0	0	0	1,911	0
Total	8,084	6,078	2,006	0	0	0	0	0	2,006	0
Federal-Aid	7,692	5,902	1,790	0	0	0	0	0	1,790	0

1468, 1490, 1512, 1539



PROJECT: Freight Rail Program

DESCRIPTION: The MDOT MTA Freight Rail program supports inspection, design, maintenance, and rehabilitation projects for State-owned freight rail lines, structures, and grade crossings. Projects include regular inspection and rehabilitation of freight railroad bridges in compliance with Federal regulations, grade crossing inspection and repair, and track improvements.

JUSTIFICATION: Projects are identified and funded to meet Federal Railroad Administration (FRA) requirements, and support continued safe and efficient freight rail operations that are essential to the economic viability of the areas they serve. Inactive lines may also require maintenance to ensure preservation of rights of way and address safety concerns that may arise.

SMART GROWTH STATUS: [X] 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: Bridge inspections are conducted annually, per FRA regulations. Grade crossings are inspected periodically to identify priorities for repair work. Other projects are identified according to conditions to support continued safe operation, preserve and maintain rights of way, and maintain safe conditions.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project costs increased by $3.0M due to the addition of FY 25.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [ ] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	21	21	0	0	0	0	0	0	0	0
Engineering	21,107	13,023	1,715	2,714	739	616	1,500	800	8,084	0
Right-of-way	103	3	50	50	0	0	0	0	100	0
Construction	50,949	34,510	4,784	1,926	3,309	1,820	2,400	2,200	16,439	0
Total	72,180	47,557	6,549	4,690	4,048	2,436	3,900	3,000	24,623	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

0212, 0213, 0590

PROJECT: Light Rail Vehicle Overhaul

DESCRIPTION: Perform a mid-life overhaul of Light Rail vehicles. 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.

SMART GROWTH STATUS: [X] 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
[X] System Preservation
[X] Quality of Service
[ ] Environmental Stewardship
[ ] Community Vitality
[ ] 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.

STATUS: The mid-life overhaul began in FY 14. The first 14 overhauled cars have been received and are in revenue service. Ongoing minor overhauls are underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost increased by $9.4M for additional support to the mid-life overhaul project and minor budget adjustments for ongoing overhauls.

USAGE: Light Rail annual ridership in FY 19 exceeded 6.9 million.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	3,818	3,154	114	100	0	0	250	200	664	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	208,777	120,289	19,805	19,837	17,416	28,555	275	2,600	88,488	0
Total	212,595	123,443	19,919	19,937	17,416	28,555	525	2,800	89,152	0
Federal-Aid	111,312	67,110	14,156	13,920	13,600	906	0	1,620	44,202	0

1153, 1346

PROJECT: Light Rail Safety Improvements

DESCRIPTION: Funding to implement safety enhancements and improve Light Rail operations throughout the system. Projects include Maintenance of Way improvements such as grade crossing replacements and track repairs, cable replacement, and network upgrade/replacements.

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

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

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

ASSOCIATED IMPROVEMENTS:
Howard Street Rail and Interlocking Replacement project - Line 12

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

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

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

STATUS: Construction underway for the Maintenance of Way improvements and cable replacement project.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	221	221	0	0	0	0	0	0	0	0
Engineering	10,097	5,814	1,183	0	0	0	3,100	0	4,283	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	75,021	23,447	5,249	13,201	14,553	4,732	4,839	9,000	51,574	0
Total	85,339	29,482	6,432	13,201	14,553	4,732	7,939	9,000	55,857	0
Federal-Aid	12,927	223	818	686	0	0	0	11,200	12,704	0

0489, 1465, 1466

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost increased by $3.6M due to minor budget adjustments to FY 20 preservation efforts and the addition of FY 25.

USAGE: Light Rail annual ridership in FY 19 exceeded 6.9 million.

PROJECT: Howard Street Rail Replacement

DESCRIPTION: Full rehabilitation of the light rail tracks throughout Baltimore Central Business District (CBD) area from Camden Yards to Martin Luther King Boulevard. The project is approximately 1.2 miles along Howard Street.

PURPOSE & NEED SUMMARY STATEMENT: Project will improve reliability, availability, speed of transit service all along Howard street, reduce ongoing maintenance costs, and system failure.

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

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

ASSOCIATED IMPROVEMENTS:
Light Rail Safety Improvements - Line 11

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

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

EXPLANATION: This project includes rail replacement to maintain a state of good repair.

STATUS: Design is underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

USAGE: Light Rail annual ridership in FY 19 exceeded 6.9 million.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	750	587	163	0	0	0	0	0	163	0
Engineering	1,422	510	284	628	0	0	0	0	912	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	39,828	0	0	0	22,831	16,997	0	0	39,828	0
Total	42,000	1,097	447	628	22,831	16,997	0	0	40,903	0
Federal-Aid	12,102	0	0	0	0	12,102	0	0	12,102	0

1472

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 are 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.

SMART GROWTH STATUS: [X] 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:
Metro Maintenance Facility Improvements - Line 16

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

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

EXPLANATION: Overhaul and replacement of Metro vehicles and signals system will ensure safe, reliable service.

STATUS: The Metro Train Control and Vehicle Replacement Project is underway. Construction for ongoing overhauls and repairs are underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

USAGE: Metro annual ridership in FY 19 exceeded 7.2 million.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	5,926	5,683	243	0	0	0	0	0	243	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	524,420	119,057	57,695	70,142	130,832	79,086	67,108	500	405,363	0
Total	530,346	124,740	57,938	70,142	130,832	79,086	67,108	500	405,606	0
Federal-Aid	364,479	85,668	44,992	53,148	91,882	36,786	52,003	0	278,811	0

0091, 1281, 1415, 1477

PROJECT: Metro Safety Improvements

DESCRIPTION: Funding to provide repairs and keep Metro tracks in a state of good repair. This project will also provide for improvements to the Metro tunnels and stations to key electrical systems.

PURPOSE & NEED SUMMARY STATEMENT: Replacements and repairs to maintenance of way are necessary to correct general degradation and to ensure safety.

SMART GROWTH STATUS: [X] 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:
Metro Interlocking Renewals - Line 15

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

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

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

STATUS: Construction for the Maintenance of Way and Electrical System projects are underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

USAGE: Metro annual ridership in FY 19 exceeded 7.2 million.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	6,434	3,805	905	650	599	350	125	0	2,629	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	35,203	21,629	6,511	1,951	451	200	2,976	1,485	13,574	0
Total	41,637	25,434	7,416	2,601	1,050	550	3,101	1,485	16,203	0
Federal-Aid	11,673	2,997	5,017	1,022	0	0	1,455	1,182	8,676	0

1321, 1464

PROJECT: Metro Interlocking Renewals

DESCRIPTION: Complete rebuild of track interlockings on the Metro system, at locations such as Johns Hopkins, Charles Center, State Center, Old Court, Milford Mill, Owings Mills, Rogers Avenue, Reisterstown Plaza, and Northwest Yard.

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

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

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

ASSOCIATED IMPROVEMENTS:
Metro Safety Improvements - Line 14

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

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

EXPLANATION: Interlocking renewals are needed to assure customer safety, to provide reliable customer service and to keep the system in a state of good repair.

STATUS: Construction of the Johns Hopkins interlocking was completed in FY 19. Construction of the interlockings at Charles and State Center is anticipated in late FY 20. Design is underway for all remaining interlockings.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost increased by $1.9M due to updated project estimates.

USAGE: Metro annual ridership in FY 19 exceeded 7.2 million.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	10,911	7,983	1,958	250	250	250	220	0	2,928	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	67,823	21,866	10,000	19,857	1,000	0	15,100	0	45,957	0
Total	78,734	29,849	11,958	20,107	1,250	250	15,320	0	48,885	0
Federal-Aid	54,345	16,815	9,565	15,709	0	0	12,256	0	37,530	0

1223

PROJECT: Metro Maintenance Facility Improvements

DESCRIPTION: Replace, upgrade, and install maintenance equipment in the Wabash Rail Shop to support the maintenance of new Metro vehicles while concurrently maintaining the old fleet throughout the transition.

PURPOSE & NEED SUMMARY STATEMENT: Upgrades and replacement of heavy maintenance equipment is required to reduce equipment failures and to support the new metro fleet.

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

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

ASSOCIATED IMPROVEMENTS:
Metro Railcar and Signal System Overhauls and Replacement - Line 13

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

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

EXPLANATION: The upgrade, replacement, and installation of maintenance equipment will increase safety for employees by providing fall protection, preserve MDOT MTA assets that are beyond a state of good repair, allow for the current fleet to stay in revenue service, and accommodate the new metro fleet.

STATUS: Design efforts underway with construction expected to begin in FY 2020.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

USAGE: Metro annual ridership in FY 2019 exceeded 7.2 million.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	739	336	403	0	0	0	0	0	403	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	9,860	0	0	5,104	1,496	2,250	1,010	0	9,860	0
Total	10,599	336	403	5,104	1,496	2,250	1,010	0	10,263	0
Federal-Aid	7,012	53	322	4,037	0	1,800	800	0	6,959	0

1530

PROJECT: Metro Station Rehabilitation and Lighting Program

DESCRIPTION: Rehabilitation of Metro stations. Work will include painting, surface finish upgrades, major plumbing repairs, equipment and lighting upgrades, signage upgrade to include next train arrival display, above ground station platform repairs, staircase repair/replacement, structural repairs, and water intrusion abatement.

PURPOSE & NEED SUMMARY STATEMENT: Station repairs/upgrades and equipment replacement are needed to stop leaks, increase energy efficiency, and extend the service life of Metro SubwayLink stations.

SMART GROWTH STATUS: [X] 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:**

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

EXPLANATION: Rehabilitating Metro Stations and upgrading station lighting will increase safety and reliability for metro riders. Upgrades to current lighting will mitigate energy consumption.

STATUS: Construction to begin in FY 25.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project added to construction program.

USAGE: Metro annual ridership in FY 19 exceeded 7.2 million.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	5,200	0	0	0	0	0	0	5,200	5,200	0
Total	5,200	0	0	0	0	0	0	5,200	5,200	0
Federal-Aid	4,160	0	0	0	0	0	0	4,160	4,160	0

1560

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 MDOT MTA's current fleet. MDOT 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

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

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

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

ASSOCIATED IMPROVEMENTS:
None.

EXPLANATION: The project enables the MDOT 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 facility was completed in FY 19. Phase II construction is underway with anticipated completion in FY 21.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost decreased by $10.0M due to project savings.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	3,366	3,366	0	0	0	0	0	0	0	0
Engineering	12,906	12,892	14	0	0	0	0	0	14	0
Right-of-way	6,806	4,647	1,295	864	0	0	0	0	2,159	0
Construction	149,085	98,085	33,168	17,832	0	0	0	0	51,000	0
Total	172,163	118,990	34,477	18,696	0	0	0	0	53,173	0
Federal-Aid	112,100	70,639	27,579	13,882	0	0	0	0	41,461	0

0705

PROJECT: Bus Procurement

DESCRIPTION: Annual purchase of buses to replace those that have been in service for 12 or more years. The MDOT 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: [X] 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 20
Bus Network Improvements - Line 21

STATUS: Procurement of 140 buses began delivery in FY 18 and will be completed in FY 20. Delivery of 350 clean diesel buses will begin in FY 20 through FY 25 as part of a five-year procurement.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost increased by $46.0M to accommodate the next cycle of bus procurements.

USAGE: Core Bus annual ridership in FY 19 exceeded 63.9 million.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	341	341	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	445,740	144,867	41,298	42,915	42,915	42,915	42,915	87,915	300,873	0
Total	446,081	145,208	41,298	42,915	42,915	42,915	42,915	87,915	300,873	0
Federal-Aid	355,918	115,537	33,039	34,332	34,332	34,014	34,332	70,332	240,381	0

1447

PROJECT: Bus Communications Systems Upgrade

DESCRIPTION: Retrofit of MDOT MTA buses with a unified, integrated, and state-of-the-art suite of on-board bus equipment as well as fixed-end systems at operations and security monitoring centers, allowing MDOT 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.

SMART GROWTH STATUS: [X] 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

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

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

ASSOCIATED IMPROVEMENTS:
Bus Procurement - Line 19
Bus Network Improvements - Line 21

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

STATUS: Construction began in FY 17. Currently training operators.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost decreased by $7.0M due to reductions to the project scope.

USAGE: Core Bus annual ridership in FY 19 exceeded 63.9 million.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [ ] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	4,952	4,952	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	33,652	9,175	6,477	10,000	8,000	0	0	0	24,477	0
Total	38,604	14,127	6,477	10,000	8,000	0	0	0	24,477	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

1333

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 (TSP). This project includes a portion of Governor Hogan's $135M BaltimoreLink initiative.

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

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

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

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

EXPLANATION: The elements of this project will improve reliability and on-time performance while simultaneously enhancing the customer wait and transfer experience.

ASSOCIATED IMPROVEMENTS:
Bus Procurement - Line 19
Bus Communications Systems Upgrade - Line 20
North Avenue Rising - Line 23

STATUS: Transit Signal Priority (TSP) and Dedicated Bus Lane projects are ongoing. Construction on concrete bus pads currently underway. Transit Facility construction at Morgan Sate University began in FY 19.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost decreased by $5.4M, as the Downtown Transfer Facility and Bus Priority Corridor projects have been added to the D&E Program and System Preservation Minor Projects Program, respectively. Additionally, the QB 40 project is complete and removed from the 6-year program.

USAGE: Core Bus annual ridership in FY 19 exceeded 63.9 million.

POTENTIAL FUNDING SOURCE: ☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	6,120	5,962	158	0	0	0	0	0	158	0
Engineering	3,985	3,690	295	0	0	0	0	0	295	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	23,478	19,231	2,624	623	1,000	0	0	0	4,247	0
Total	33,583	28,883	3,077	623	1,000	0	0	0	4,700	0
Federal-Aid	15,350	15,285	58	7	0	0	0	0	65	0

1469, 1470, 1471, 1519

PROJECT: Beyond the Bus Stop

DESCRIPTION: The Beyond the Bus Stop program aims to improve amenities for both riders and operators at bus stops around the network. The Beyond the Bus Stop program will improve the customer experience by adding real-time information signage and shelter improvements to bus stops, including some multi-modal transfers. The program also includes constructing a comfort station at the Patapsco Light Rail Station for use by our operators. Blue Light phones will also be added at these locations.

PURPOSE & NEED SUMMARY STATEMENT: With the launch of real-time information on the Transit mobile application, real-time information signage will extend that availability to the users of the BaltimoreLink system who do not have access to mobile technology. MDOT MTA bus operators currently lack sufficient restrooms while operating their routes.

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

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

ASSOCIATED IMPROVEMENTS:
None.

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

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

EXPLANATION: This project provides blue light phones and improves existing comfort station facilities for use by operators, making the execution of their jobs safer and more comfortable. Real-time information signage and shelters make for a more vital community by enhancing the customer experience.

STATUS: Real-time signage design efforts nearing completion. Design for all other elements underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	100	26	74	0	0	0	0	0	74	0
Engineering	550	17	533	0	0	0	0	0	533	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	4,950	0	30	4,920	0	0	0	0	4,950	0
Total	5,600	43	637	4,920	0	0	0	0	5,557	0
Federal-Aid	2,600	0	16	2,584	0	0	0	0	2,600	0

1524

PROJECT: North Avenue Rising

DESCRIPTION: Planning, environmental documentation, design, and construction of facilities to improve transit, pedestrian, and bicycle movement and safety along the North Avenue corridor. Includes targeted streetscaping, Penn-North Metro Station improvements, roadway repaving, Dedicated Bus Lanes, Enhanced Bus Stops, Penn North intersection improvements, Transit Signal Priority, shared mobility corrals, and on-street bike facilities (on North Avenue, Baker Street, and 20th Street).

PURPOSE & NEED SUMMARY STATEMENT: Project will improve reliability and speed of transit service along North Avenue (a key transit corridor in Baltimore City), improve pedestrian safety, expand bicycle access, leverage other City, State, and private investment in the corridor, and improve economic opportunities for corridor residents. The project will help bring both transit and roadway infrastructure into a better state of good repair, improve the quality of service for transit riders, reduce energy usage, and support economic development.

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

- [X] 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 21

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

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

EXPLANATION: This project will improve service and safety in the North Avenue corridor.

STATUS: Corridor construction began in early FY 20, focusing on bus pads, sidewalks, curb ramps, and conduit for traffic signals and pedestrian lighting.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [X] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	844	753	91	0	0	0	0	0	91	0
Engineering	3,310	2,558	752	0	0	0	0	0	752	0
Right-of-way	25	0	12	12	1	0	0	0	25	0
Construction	23,151	655	10,468	8,394	3,634	0	0	0	22,496	0
Total	27,330	3,966	11,323	8,406	3,635	0	0	0	23,364	0
Federal-Aid	10,000	991	4,199	3,260	1,550	0	0	0	9,009	0

This project will be funded with $1.0M from Baltimore City and $1.6M from Federal Highway Administration.
1489

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. Regular replacement of vehicles is required to maintain established service benchmarks for on-time performance, travel time, and schedule compliance.

SMART GROWTH STATUS: [X] 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: 25 small cutaway vehicles and 75 large cutaway vehicles will be delivered in FY 20.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	128,028	74,676	8,420	8,634	8,807	8,983	9,162	9,346	53,352	0
Total	128,028	74,676	8,420	8,634	8,807	8,983	9,162	9,346	53,352	0
Federal-Aid	73,573	32,990	6,736	6,907	4,950	7,185	7,329	7,476	40,583	0

0541

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost increased by $1.8M to adhere to expected fleet requirements.

USAGE: Demand Response Mobility annual ridership in FY 19 exceeded 2.1 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 MDOT 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. MDOT 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: [X] 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:
Assistance to Private Non-Profit Agencies for the Transportation of the Elderly and Persons with Disabilities - Line 26
Montgomery County Local Bus Program - Line 27
Prince George's County Local Bus Program - Line 28

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

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost increased by $11.8M due to the addition of FY 25, additional federal funds, and additional contribution from others. Additionally, Howard County Hybrid Vehicle and Electric Bus projects completed and removed from 6-year program.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [X] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	307	184	13	22	22	22	22	22	123	0
Engineering	40,398	31,185	1,738	1,495	1,495	1,495	1,495	1,495	9,213	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	287,315	165,859	23,894	29,679	12,485	13,055	20,984	21,359	121,456	0
Total	328,020	197,228	25,645	31,196	14,002	14,572	22,501	22,876	130,792	0
Federal-Aid	277,206	165,141	22,068	26,481	11,986	12,126	19,425	19,979	112,065	0

0045, 0211, 0217, 0218, 1347, 1348, 1355, 1356, 1426, 1437, 1443, 1455, 1461, 1467, 1509, 1513, 1543, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591

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. MDOT 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: [X] 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 25

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

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost increased by $4.1M due to the addition of FY 25.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [X] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	72,656	43,893	5,622	4,786	6,405	3,870	4,000	4,080	28,763	0
Total	72,656	43,893	5,622	4,786	6,405	3,870	4,000	4,080	28,763	0
Federal-Aid	57,291	34,282	4,497	3,828	5,124	3,096	3,200	3,264	23,009	0

0210

PROJECT: Montgomery County Local Bus Program

DESCRIPTION: Funding for annual bus replacements and preventive maintenance.

JUSTIFICATION: These investments will make the Ride On bus system more reliable and efficient while improving passenger access to the Metrorail system.

SMART GROWTH STATUS: [X] 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

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

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost decreased by $1.7M due to the completion and removal of the Bus Rapid Transit Study project and the addition of FY 25.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	372	0	372	0	0	0	0	0	372	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	74,152	63,259	0	2,893	2,000	2,000	2,000	2,000	10,893	0
Total	74,524	63,259	372	2,893	2,000	2,000	2,000	2,000	11,265	0
Federal-Aid	27,850	18,764	372	2,314	1,600	1,600	1,600	1,600	9,086	0

0892

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: [X] 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

STATUS: Project funding will support annual bus replacements and improvements to bus stops throughout the Prince George's County.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	269	0	269	0	0	0	0	0	269	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	12,827	7,092	531	2,720	984	500	500	500	5,735	0
Total	13,096	7,092	800	2,720	984	500	500	500	6,004	0
Federal-Aid	5,869	1,012	694	2,176	787	400	400	400	4,857	0

0893

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 next generation system.

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

SMART GROWTH STATUS: [X] 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:**

[X] Safety & Security
[X] System Preservation
[X] 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.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost decreased by $5.7M. Additionally, $6.0M was deferred outside of the 6-year program due to mandated increased transit operating and capital spending and lowered fuel tax revenue forecast.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	855	602	253	0	0	0	0	0	253	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	59,456	14,291	2,350	608	5,130	500	150	1,800	10,538	34,627
Total	60,311	14,893	2,603	608	5,130	500	150	1,800	10,791	34,627
Federal-Aid	7,052	4,874	1,312	0	0	0	0	866	2,178	0

1329, 1429, 1459

PROJECT: Agencywide Roof Replacement

DESCRIPTION: Inspection and replacement of roofs on MDOT MTA facilities.

JUSTIFICATION: Roof repairs/replacements are needed to stop leaks, increase energy efficiency, and extend service life of MDOT MTA facilities.

SMART GROWTH STATUS: [X] 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: Construction on Metro Wabash Maintenance Facility, Bus Division Monroe Street, and West Coldspring Lane Substation roofs expected in FY 20. Design is underway for future roof replacements.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project budget decreased by $1.8M due to mandated increased transit operating and capital spending and lowered fuel tax revenue forecast.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	6,211	3,583	728	300	500	300	300	500	2,628	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	25,799	10,768	1,602	5,029	2,000	1,700	1,700	3,000	15,031	0
Total	32,010	14,351	2,330	5,329	2,500	2,000	2,000	3,500	17,659	0
Federal-Aid	19,419	7,751	1,860	3,835	0	1,573	1,600	2,800	11,668	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.

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

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

ASSOCIATED IMPROVEMENTS:
None.

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

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

EXPLANATION: Rehabilitation of the elevator and escalators is necessary to keep them in a state of good repair.

STATUS: Design is underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost increased by $15.9M due to the addition of FY 25. Additionally, $15.6M was deferred outside of the 6-year program due to mandated increased transit and operating and capital spending and lowered fuel tax revenue forecast.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	819	247	542	30	0	0	0	0	572	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	71,087	2,046	662	3,573	17,629	15,315	400	15,906	53,485	15,556
Total	71,906	2,293	1,204	3,603	17,629	15,315	400	15,906	54,057	15,556
Federal-Aid	25,614	0	0	2,718	0	9,852	320	12,724	25,614	0

1457, 1458

PROJECT: Agencywide Radio and Telecommunications Upgrade

DESCRIPTION: This project will migrate all MDOT MTA radio users from 490 MHz to the Maryland (MD) First responders Interoperable Radio System Team (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 MDOT MTA users, installation of new dispatching consoles, and installation of new subscriber radios.

PURPOSE & NEED SUMMARY STATEMENT: This project will migrate all radio users to the MD FiRST Statewide 700 MHz Radio System. MDOT MTA will be joining the Maryland Statewide network. The current system is obsolete and will soon become inoperable due to Federal Law, which requires an alternative spectrum.

SMART GROWTH STATUS: [X] 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:**

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

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

STATUS: Construction is underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	433	433	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	29,747	9,481	5,010	3,000	6,128	6,128	0	0	20,266	0
Total	30,180	9,914	5,010	3,000	6,128	6,128	0	0	20,266	0
Federal-Aid	11,173	0	4,008	2,400	4,765	0	0	0	11,173	0

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

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

ASSOCIATED IMPROVEMENTS:
Purple Line: Third-Party Funded Projects - Line 34

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

- [ ] Safety & Security
- [ ] System Preservation
- [X] Quality of Service
- [X] Environmental Stewardship
- [X] Community Vitality
- [X] 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.

STATUS: Design activities and construction are underway.

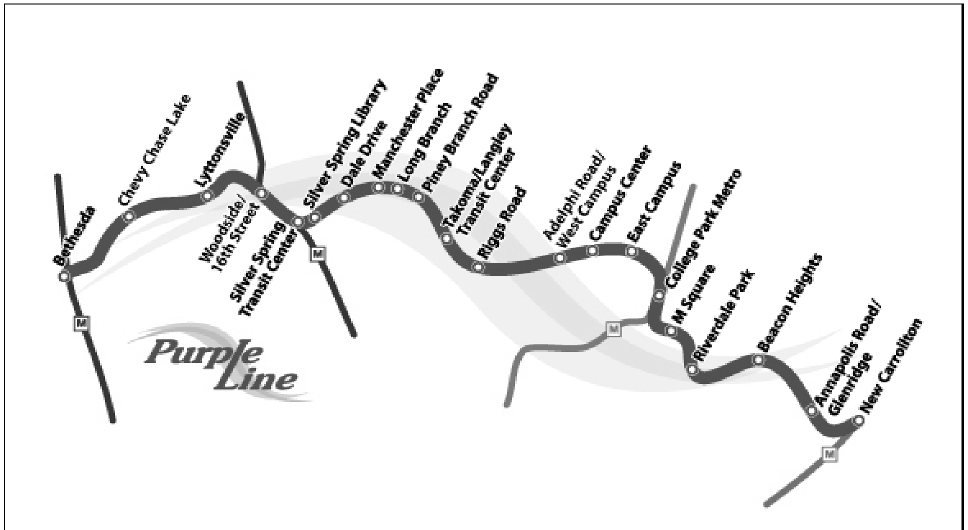
SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

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

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [X] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	53,007	53,007	0	0	0	0	0	0	0	0
Engineering	299,442	246,060	19,200	19,000	15,182	0	0	0	53,382	0
Right-of-way	229,600	207,864	21,736	0	0	0	0	0	21,736	0
Construction	896,207	559,718	81,041	130,953	91,631	32,864	0	0	336,489	0
Total	1,478,256	1,066,649	121,977	149,953	106,813	32,864	0	0	411,607	0
Federal-Aid	960,433	403,965	149,962	217,454	118,647	70,405	0	0	556,468	0

Note: Total estimated cost does not include investments by concessionaire or future availability payments.
1042



PROJECT: Purple Line: Third-Party 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. In addition, the University of Maryland has funded a project to pave a .95 mile bicycle path. This project also includes repairs to the Polk Street Maintenance Facility roof, which will be funded by Prince George's County Department of Parks and Recreation.

PURPOSE & NEED SUMMARY STATEMENT: To further enhance the transportation and quality of life benefits of the Purple Line, Capital Crescent Trail, and Polk Street Maintenance Facility, Montgomery County, University of Maryland, and Prince George's County Department of Parks and Recreation are adding additional access features.

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

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

ASSOCIATED IMPROVEMENTS:
Purple Line - Line 33

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

- [ ] Safety & Security
- [ ] System Preservation
- [X] Quality of Service
- [X] Environmental Stewardship
- [X] Community Vitality
- [X] 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.

STATUS: Design activities and construction are underway.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [X] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	2,730	0	530	2,200	0	0	0	0	2,730	0
Engineering	190	190	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	145,343	42,199	32,566	34,260	36,318	0	0	0	103,144	0
Total	148,263	42,389	33,096	36,460	36,318	0	0	0	105,874	0
Federal-Aid	2,000	0	388	1,612	0	0	0	0	2,000	0

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost increased by $3.7M by being awarded a Transit Oriented Development (TOD) grant, along the addition of the Polk Street Maintenance Facility Roof repair.

1453, 1487, 1488, 1525, 1526, 1573, 1597

PROJECT: Statewide Transit Innovation Grant

DESCRIPTION: A competitive, state funded grant program to support locally planned, designed, and constructed or operated transit projects incorporating innovative investments such as transit signal priority, dedicated or separated right of way, off-board fare payments, and intelligent transportation systems. Project sponsors awarded grant funding will be reimbursed up to the award amount for eligible projects and will be required to provide a local match. Funds may cover planning, design, engineering, or construction phases, including capital investments.

PURPOSE & NEED SUMMARY STATEMENT: To support cost-effective regional and statewide mobility with investments in locally owned and operated transit services and facilities projects that improve travel speeds, reliability and quality of service, and the safe, convenient, affordable, and efficient movement of people.

SMART GROWTH STATUS: [X] 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
- [X] Quality of Service
- [ ] Environmental Stewardship
- [X] Community Vitality
- [X] Economic Prosperity

EXPLANATION: Eligible projects for the grant program will improve regional and statewide mobility, and the safety, efficiency, and reliability of transit at the local level. Projects will reduce delays and travel time between major activity, population, and job centers in the state.

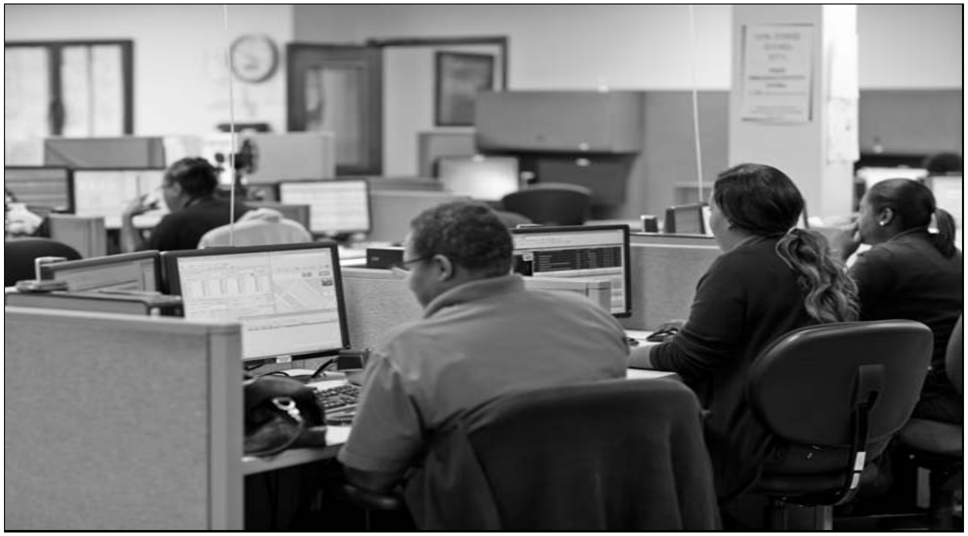
STATUS: Grant agreements from the first and second round of awards have been executed with sub-recipients.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project cost increased by $1.0M to continue the STIP program in future years.

POTENTIAL FUNDING SOURCE: [ ] SPECIAL [ ] FEDERAL [X] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	3,000	0	238	501	1,511	250	250	250	3,000	0
Total	3,000	0	238	501	1,511	250	250	250	3,000	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

1511



PROJECT: Communications System Upgrade and Replacement

DESCRIPTION: Replace the existing phone system for Mobility and theTransit Information Contact Center.

PURPOSE & NEED SUMMARY STATEMENT: The existing Transit Information Contact Center and Mobility phone systems are nearing the end of their useful life. The replacement phone systems will act as a back-up to each other, reducing the probability of service outages.

SMART GROWTH STATUS: [X] 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 GOALS : **Maryland Transportation Plan (MTP) Goals/Selection Criteria:**

[ ] Safety & Security
[X] System Preservation
[X] Quality of Service
[ ] Environmental Stewardship
[ ] Community Vitality
[ ] Economic Prosperity

EXPLANATION: Replacing of the end-of-life phone system will reduce outages, reduce maintenance costs, and increase employee efficiency.

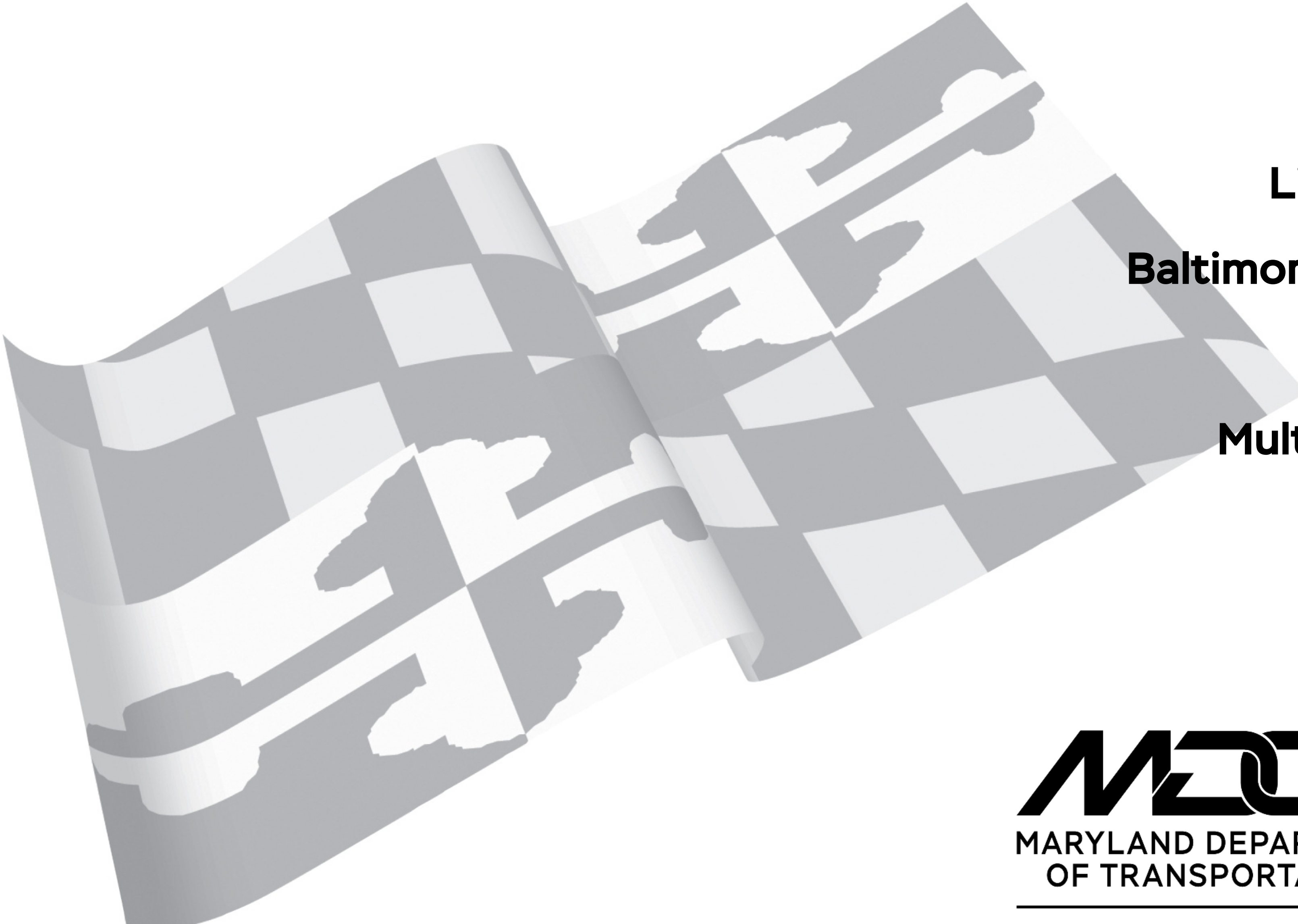
STATUS: Design is underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Project added to construction program.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	5,000	0	0	0	0	0	0	5,000	5,000	0
Total	5,000	0	0	0	0	0	0	5,000	5,000	0
Federal-Aid	4,000	0	0	0	0	0	0	4,000	4,000	0

1550



MARC

Light Rail

Baltimore Metro

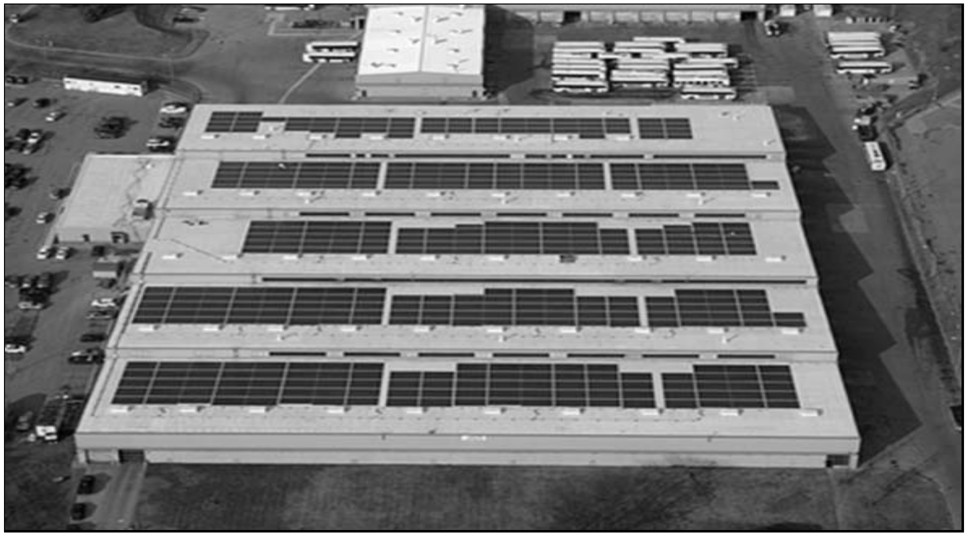
Bus

Multi-Modal

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION

MDOT MTA DEVELOPMENT & EVALUATION PROGRAM



PROJECT: Environmental Planning Initiatives

DESCRIPTION: Environmental planning and sustainability initiatives to mitigate negative environmental impacts from transit-related activities. Determine the feasibility of Zero Emissions Vehicle integration to the current system.

JUSTIFICATION: To support initiatives that ensure environmental sustainability throughout the region.

SMART GROWTH STATUS: [X] 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: Design efforts underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Added to D&E program.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [ ] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	2,945	698	1,312	110	0	0	0	825	2,247	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	2,945	698	1,312	110	0	0	0	825	2,247	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

1523, 1596

PROJECT: Agency Innovation and Alternative Vehicles

DESCRIPTION: Supports the development of system enhancements throughout the agency, including improved work flows, resource utilization, data analysis. Also supports alternative methods of transportation.

JUSTIFICATION: Promoting enhanced efficiency throughout the agency will allow MDOT MTA to improve safety, reliability, and the overall customer experience.

SMART GROWTH STATUS: [X] 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:

STATUS: Ongoing planning efforts to investigate innovative methods.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Added to D&E program.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	1,107	0	607	0	0	0	0	500	1,107	0
Engineering	53	0	25	28	0	0	0	0	53	0
Right-of-way	153	0	60	93	0	0	0	0	153	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	1,313	0	692	121	0	0	0	500	1,313	0
Federal-Aid	98	0	98	0	0	0	0	0	98	0

1546

PROJECT: Patapsco Ave Pedestrian/Bicycle Bridge

DESCRIPTION: Preliminary engineering and assessment of a pedestrian bridge to connect the Cherry Hill neighborhood to the Patapsco Avenue Light Rail Station.

JUSTIFICATION: Pedestrians often cross over restricted areas of CSX and Light Rail tracks to access the Patapsco Light Rail Station, posing a danger to themselves and train operators. Designing a safe passage over Patapsco Avenue for trail users will reduce preventable accidents.

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

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

ASSOCIATED IMPROVEMENTS:

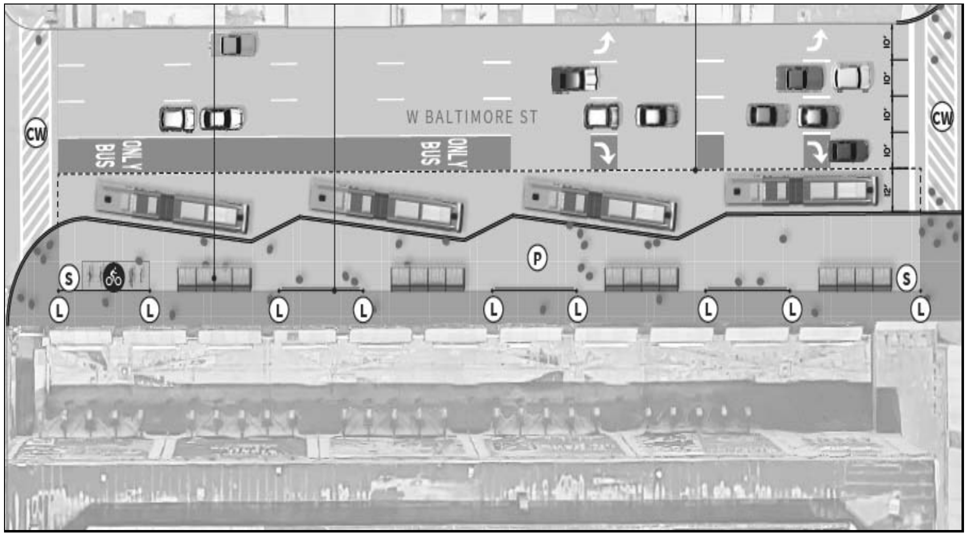
STATUS: Design will build on a feasibility study that began in FY 19.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Added to D&E program.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,000	0	0	0	0	0	0	1,000	1,000	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	1,000	0	0	0	0	0	0	1,000	1,000	0
Federal-Aid	800	0	0	0	0	0	0	800	800	0

1551



PROJECT: Downtown Transfer Center

DESCRIPTION: Design of a transfer facility in Downtown Baltimore. Concept facility includes four bus bays on Baltimore Street near Royal Farms Arena.

JUSTIFICATION: Modernized facility improvements will allow enhanced safety to valued passengers. Use of bus bays will allow enhanced operational efficiency.

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:

STATUS: Community outreach and design activites are underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Added to D&E program.

POTENTIAL FUNDING SOURCE: ☒ SPECIAL ☐ FEDERAL ☐ GENERAL ☐ OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	174	0	174	0	0	0	0	0	174	0
Engineering	826	185	641	0	0	0	0	0	641	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	1,000	185	815	0	0	0	0	0	815	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

1517

PROJECT: Shared Mobility and Micro-Transit Work Plan

DESCRIPTION: The agencywide Shared Mobility Work Plan will improve first and last mile journeys, quality of mode choices, and equitable and accessible mobility by integrating shared mobility modes into MDOT MTA's core service area. Projects include carsharing, microtransit, on-demand paratransit, and, in coordination with BCDOT, use of transit stations as equity zones for dockless vehicles (scooters and bikes).

JUSTIFICATION: Valued MDOT MTA riders will benefit from enhanced safe, efficient, and reliable transit opportunities.

SMART GROWTH STATUS: [X] 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:

STATUS: Design activities underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Added to D&E program.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [ ] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	63	0	63	0	0	0	0	0	63	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	63	0	63	0	0	0	0	0	63	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

1595

PROJECT: Regional Transit Plan

DESCRIPTION: Development of a Regional Transit Plan for Central Maryland. Providing a 25-year vision of mobility, this plan will define public transportation goals for Central Maryland including Anne Arundel County, Baltimore County, Baltimore City, Harford County, and Howard County.

JUSTIFICATION: This long-term plan will be used to enhance transit to valued riders throughout central Maryland.

SMART GROWTH STATUS: [X] 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: Public input and consultation with Regional Transit Plan Commission is ongoing. Strategic planning efforts underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Added to D&E program.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [ ] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	5,000	1,265	2,735	1,000	0	0	0	0	3,735	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	5,000	1,265	2,735	1,000	0	0	0	0	3,735	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

1515

PROJECT: Transit Oriented Development Initiatives

DESCRIPTION: Support to State and MDOT initiatives on Transit Oriented Development (TOD) at rail stations and transit hubs throughout the system.

JUSTIFICATION: TOD promotes economic prosperity through efforts to mitigate costs related to reliance on transportation services, reducing pollution, and granting transit users access to business opportunities.

SMART GROWTH STATUS: [X] 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: Station Area Concept Plans for Bowie State, Odenton, and Monocacy MARC station nearing completion. Additional Station Area Plans under review.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Added to D&E program.

POTENTIAL FUNDING SOURCE: [X] SPECIAL [ ] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	4,072	3,066	256	100	100	100	200	250	1,006	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	4,072	3,066	256	100	100	100	200	250	1,006	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

PROJECT: Eastern Bus Facility

DESCRIPTION: Design replacement for the existing Eastern Bus Division.

JUSTIFICATION: The existing Eastern facility is obsolete, severely constrained, and cannot adequately support MDOT MTA's current fleet. Replaing this facility will promote substantial operational efficiencies.

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

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

ASSOCIATED IMPROVEMENTS:

STATUS: Planning activities currently underway.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Added to D&E program.

POTENTIAL FUNDING SOURCE: ☒ SPECIAL ☐ FEDERAL ☐ GENERAL ☐ OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	250	0	250	0	0	0	0	0	250	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	250	0	250	0	0	0	0	0	250	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

1547

PROJECT: LOTS Transit Development Plan (TDP)

DESCRIPTION: Development of Transit Development Plans for Locally Operated Transit Systems throughout the state of Maryland.

JUSTIFICATION: These plans are used by individual LOTS to enhance transit.

SMART GROWTH STATUS: [X] 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.

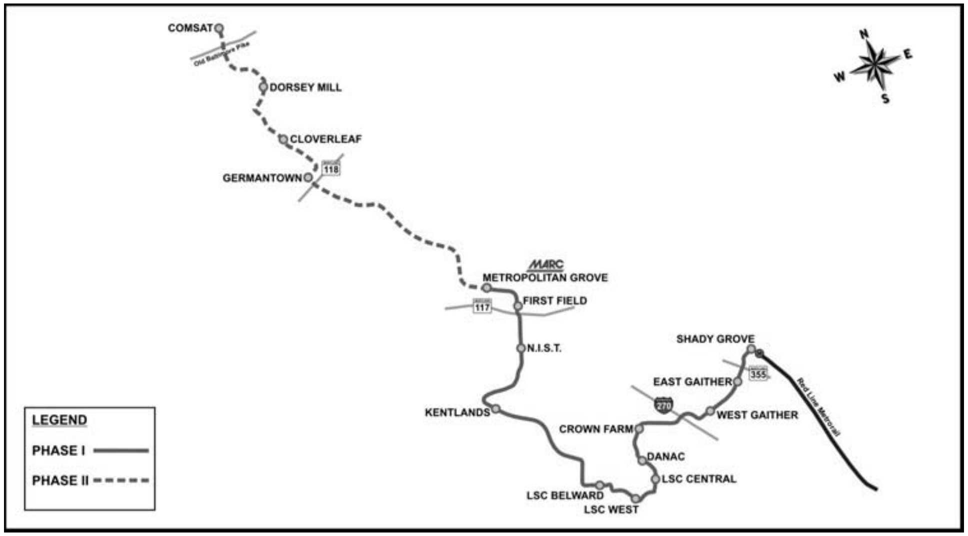
STATUS: Outreach to local jurisdictions throughout the state of Maryland ongoing.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: Added to D&E program

POTENTIAL FUNDING SOURCE: [X] SPECIAL [X] FEDERAL [ ] GENERAL [ ] OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	4,556	1,850	455	640	794	416	197	204	2,706	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	4,556	1,850	455	640	794	416	197	204	2,706	0
Federal-Aid	2,861	698	364	512	635	332	157	163	2,163	0

1442



PROJECT: Corridor Cities Transitway (CCT)

DESCRIPTION: The 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.

JUSTIFICATION: 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 26.
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)

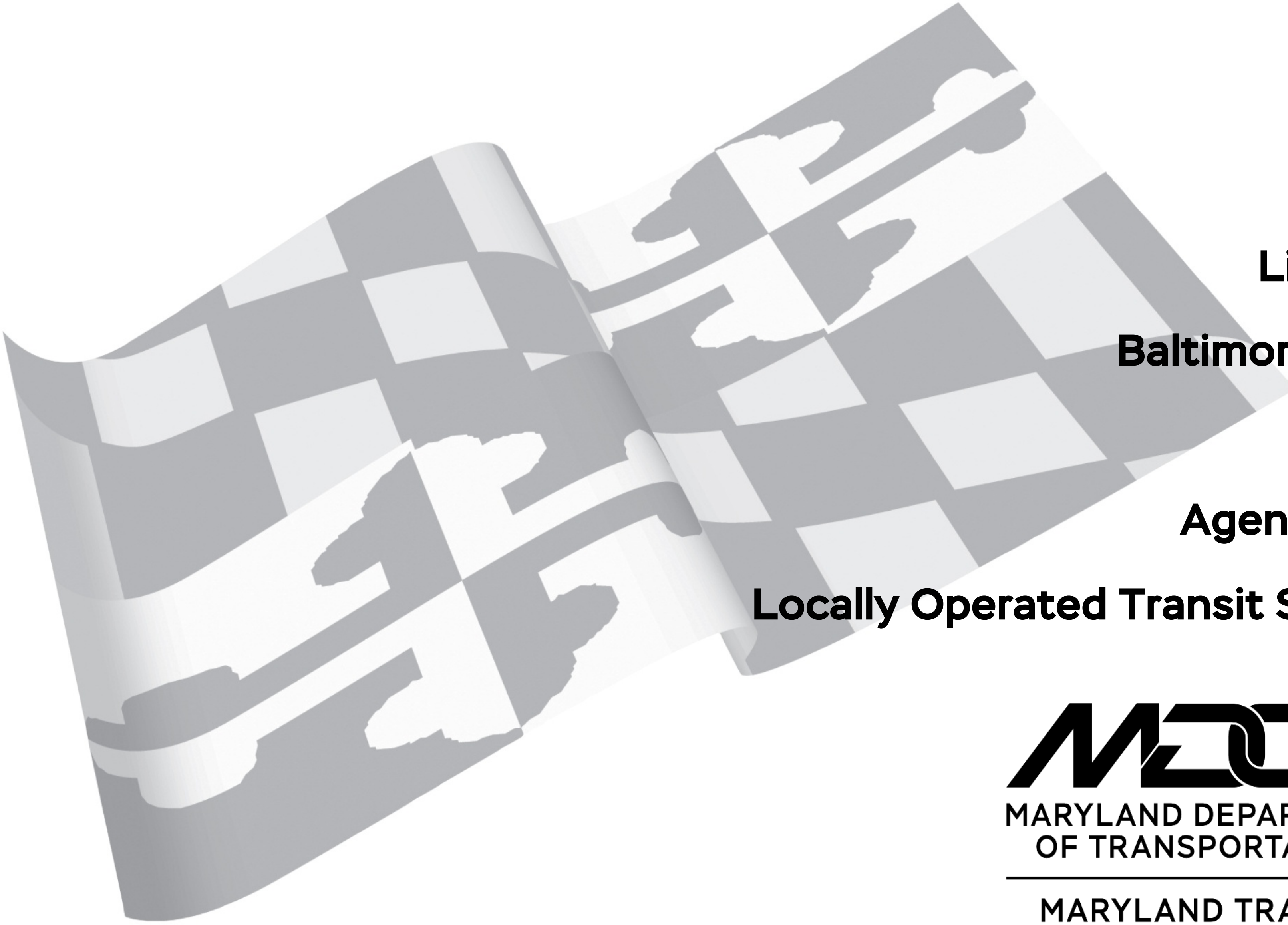
STATUS: The Environmental Assessment has been completed and published. The project's 30% design is complete. This project was transferred to Montgomery County.

SIGNIFICANT CHANGE FROM FY 2019 - 24 CTP: None.

POTENTIAL FUNDING SOURCE: ☒ SPECIAL ☒ FEDERAL ☐ GENERAL ☐ OTHER

PHASE	TOTAL ESTIMATED COST ($000)	EXPEND THRU 2019	CURRENT YEAR 2020	BUDGET YEAR 2021	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY ....2022....	....2023....	....2024....	....2025....	SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	39,907	39,907	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	39,907	39,907	0	0	0	0	0	0	0	0
Federal-Aid	1,501	1,501	0	0	0	0	0	0	0	0

1108



MARC

Freight

Light Rail

Baltimore Metro

Bus

Agency Wide

Locally Operated Transit Systems

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION

MDOT MTA MINOR PROJECTS

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 47

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	AGENCY WIDE IMPROVEMENTS FY 2020 AND 2021		
1	AGY BICYCLE INITIATIVES (1449)	326	Ongoing
2	AGY BRIDGE & SUBWAY INSPECTION FUND (0608)	4,236	Ongoing
3	AGY CAPITAL PROGRAM SUPPORT FUND (1239)	5,286	Ongoing
4	AGY COMMUNICATIONS SYSTEMS UPGRADES & SUPPORT (1367)	1,156	Ongoing
5	AGY CORROSION CONTROL SERVICES PROGRAM (0752)	1,712	Ongoing
6	AGY ENERGY SAVINGS INITIATIVES (1422)	920	Ongoing
7	AGY ENVIRONMENTAL COMPLIANCE FUND (1149)	5,331	Ongoing
8	AGY MISC ENGINEERING PROJECTS (1070)	1,706	Ongoing
9	AGY NON-REVENUE VEHICLES FUND (1079)	2,702	Ongoing
10	AGY OWNER CONTROLLED INSURANCE PROGRAM FUND (0832)	1,818	Ongoing
11	AGY PARKING LOT INITIATIVES (0177)	2,828	Ongoing
12	AGY PAVEMENT INSPECTION FUND (0470)	299	Ongoing
13	AGY PLANNING STUDIES FUND (0510)	4,165	Ongoing
14	AGY RAIL PURCHASE FUND (0660)	1,691	Ongoing
15	AGY STANDARD SPECS & DETAILS FUND (0221)	3,382	Ongoing
16	AGY TELECOMMUNICATIONS PRESERVATION FUND (0493)	1,417	Ongoing
17	AGY TRANSIT OPERATIONS SUPPORT (1213)	1,787	Ongoing
18	AGY ADA COMPLIANCE (0266)	1,561	Underway
19	AGY CCTV BUS VAULTING LANES (1496)	525	Underway
20	AGY FIBER OPTIC CONNECTION (1486)	3,486	Underway
21	AGY MTA POLICE VIDEO MGMT SYSTEM REPLACEMENT (1516)	844	Underway
22	AGY SAFETY AND CLAIMS MANAGEMENT SYSTEMS (1473)	735	Underway
23	AGY SIGNAGE IMPROVEMENTS (0843)	2,499	Underway
24	AGY STATION ACCESS IMPROVEMENTS (1540)	475	Underway
25	AGY STATION COMMUNICATION CABINET UPGRADE (1593)	200	Underway
26	AGY TICC & MOBILITY CONTACT CENTER SOFTWARE UPGRADE (1497)	829	Underway
27	AGY TMDL COMPLIANCE (1452)	7,426	Underway
28	AGY TRANSIT ASSET MANAGEMENT (1435)	1,696	Underway
29	AGY TRAPEZE INSTALLS AND UPGRADES (1482)	1,400	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 48

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	BUS IMPROVEMENTS FY 2020 AND 2021		
30	BUS FACILITIES MAINTENANCE AND EQUIPMENT FUND (1096)	3,990	Ongoing
31	BUS FACILITIES PRESERVATION FUND (0193)	4,779	Ongoing
32	BUS ROLLING STOCK PRESERVATION FUND (0554)	6,833	Ongoing
33	BUS BALTIMORELINK BUS SHELTER (1536)	2,703	Underway
34	BUS BUSH DIVISION HISTORIC GABLE WINDOW REPLACEMENT (1527)	3,075	Underway
35	BUS DIVISION WIRELESS UPGRADE (1504)	780	Underway
36	BUS HYBRID BATTERY REPLACEMENT (1436)	17,332	Underway
37	BUS MINI OVERHAUL (1510)	762	Underway
38	BUS PRIORITY CORRIDORS (1537)	3,149	Underway
39	BUS WASHINGTON BLVD PAINT BOOTH REPLACEMENT (1528)	1,538	Underway
40	BUSH BUILDING 5 HVAC MECHANICAL EQUIPMENT REPLACEMENT (1529)	1,664	Underway
41	S WASHINGTON BLVD BLDGS 3 & 4 UPGRADES AND RENOVATION (1520)	6,624	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 49

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LIGHT RAIL IMPROVEMENTS FY 2020 AND 2021		
42	LTR ACCESS ROAD AND GATE PRESERVATION FUND (1189)	150	Ongoing
43	LTR BRIDGE PRESERVATION FUND (0248)	2,303	Ongoing
44	LTR CATENARY PRESERVATION FUND (1254)	1,941	Ongoing
45	LTR DRAINAGE IMPROVEMENTS FUND (0856)	7,858	Ongoing
46	LTR ELECTRICAL BOX REPLACEMENT ALL LTR STATIONS FUND (1187)	190	Ongoing
47	LTR GRADE CROSSING REPLACEMENT FUND (1048)	1,597	Ongoing
48	LTR INTERLOCKING RENEWALS FUND (1451)	9,854	Ongoing
49	LTR PRESERVATION FUND (0005)	4,026	Ongoing
50	LTR RAIL INSTALLATION FUND (0797)	1,524	Ongoing
51	LTR RAILROAD WORKER PROTECTION EQUIPMENT FUND (1364)	568	Ongoing
52	LTR REFURBISHING OF CARWASH FUND (1188)	441	Ongoing
53	LTR SUBSTATION PRESERVATION FUND (1227)	2,667	Ongoing
54	ATENARY SURGE PROTECTION DEVICE GROUNDING REPLACEMENT (1522)	309	Underway
55	ATION TRAIN DETECTION AND WORKER WARNING SYSTEM (SRD) (1508)	3,388	Underway
56	LTR 5kV SIGNAL POWER SYSTEM REPLACEMENT (1531)	4,050	Underway
57	LTR FLEXI FLOW (1538)	12	Underway
58	LTR PA/LED SIGNS REPLACEMENT (1294)	13,139	Underway
59	LTR TRACTION POWER SUBSTATION MAJOR REHABILITATION (1554)	540	Underway
60	LTR TRAIN CONTROL SIGNALS UPS UPGRADE (1521)	151	Underway
61	LTR TRAIN TRAFFIC MANAGEMENT UPGRADE (1499)	1,457	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 50

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	MARC IMPROVEMENTS FY 2020 AND 2021		
62	MARC FACILITY IMPROVEMENT FUND (0199)	3,863	Ongoing
63	MARC PARKING LOT PRESERVATION FUND (1006)	2,177	Ongoing
64	MARC ROLLING STOCK PRESERVATION FUND (0634)	4,209	Ongoing
65	MARC STRUCTURAL INSPECTION SERVICES D&E (1376)	208	Ongoing
66	MARC PA/LED SIGNS REPLACEMENT (0430)	11,353	Underway
67	MARC PENN STATION TOD SUPPORT (1600)	100	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 51

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	METRO IMPROVEMENTS FY 2020 AND 2021		
68	METRO BRIDGE & ELEVATED STRUCTURES PRESERVATION FUND (0239)	3,365	Ongoing
69	METRO RAIL INSTALLATION FUND (0868)	4,473	Ongoing
70	METRO SYSTEM PRESERVATION FUND (0179)	5,476	Ongoing
71	METRO TUNNEL PRESERVATION FUND (0529)	3,066	Ongoing
72	YEARLY TESTING AND REPAIR OF FIRE PROTECTION SERVICES (1186)	1,208	Ongoing
73	DEWATERING STATIONS CONTROLS & EQUIPMENT REPLACEMENT (1532)	200	Underway
74	METRO STAT X FIRE EXTINGUISHING AGENT REPLACEMENT (1480)	2,263	Underway
75	METRO TUNNEL AND STATION DOOR REPAIR/REPLACEMENT (1498)	2,703	Underway
76	METRO TUNNEL STANDPIPE INSPECTION & REPAIR (1514)	250	Underway
77	METRO UPS SYSTEM UPGRADES (1535)	2,955	Underway
78	METRO WAYSIDE EMERGENCY TELEPHONE SYSTEMS (1288)	8,187	Underway
79	RO SIGNAL AND TRACTION POWER SYSTEM PRESERVATION FUND (0840)	2,235	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 52

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	MOBILITY IMPROVEMENTS FY 2020 AND 2021		
80	MOL MISC. IMPROVEMENTS FUND (1166)	2,139	Ongoing
81	MOBILTY CAD/AVL SYSTEM REPLACEMENT (1483)	6,400	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 53

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	INFORMATION TECHNOLOGY IMPROVEMENTS FY 2020 AND 2021		
82	AGY CTIPP IT EQUIPMENT (1103)	2,077	Ongoing
83	AGY INFORMATION TECHNOLOGY PRESERVATION FUND (1396)	1,368	Ongoing
84	ITP HIGH AVAILABILITY ENVIRONMENT (1495)	671	Underway
85	ITP REAL TIME PASSENGER INFORMATION SYSTEM (1418)	5,444	Underway
86	ITP SWITCH REPLACEMENT (1494)	1,139	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 54

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST ($000's)	CONSTRUCTION START
	<u>LOTS IMPROVEMENTS FY 2019 COMPLETIONS</u>		
87	AGY HOWARD COUNTY BRT (1481)	143	Complete

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND TRANSIT ADMINISTRATION - LINE 55

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOTS IMPROVEMENTS FY 2020 AND 2021		
88	AGY GUARANTEED RIDE HOME (1419)	136	Underway

MARYLAND TRANSIT ADMINISTRATION -- LINE 57

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS		
	ALLEGANY COUNTY FY 2019 COMPLETIONS		
1	1 Heavy Duty Bus Replacement 308 (FY15)	391	Complete
2	Preventive Maintenance (FY18)	350	Complete
3	Small Replacement Bus - 630 (FY19)	60	Complete
4	Vehicle Parking Addition (FY16)	12	Complete
	ANNAPOLIS FY 2019 COMPLETIONS		
1	Electronic Farebox System (FY16)	200	Complete
2	Heavy Duty Floor Jacks (FY17)	9	Complete
3	Preventive Maintenance (FY18)	400	Complete
4	Preventive Maintenance (FY19)	400	Complete
5	Scan Tool (FY18)	6	Complete
6	Small Cutaway Replacement Bus - 300 (FY19)	87	Complete
7	Small Cutaway Replacement Bus - 301 (FY19)	87	Complete
	ANNE ARUNDEL COUNTY FY 2019 COMPLETIONS		
1	Ridesharing (FY18)	197	Complete
	BALTIMORE CITY FY 2019 COMPLETIONS		
1	Ridesharing (FY18)	82	Complete

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	CALVERT COUNTY FY 2019 COMPLETIONS		
1	Electronic Farebox (FY18 5339)	14	Complete
2	Electronic Fareboxes (FY15 5339)	30	Complete
3	In-Vehicle Camera System (FY13)	50	Complete
4	Preventive Maintenance (FY18 5307)	36	Complete
5	Preventive Maintenance (FY18 5311)	137	Complete
6	Ridesharing (FY18)	9	Complete
7	Small Replacement Bus - 134 (FY19 5339)	66	Complete
	CARROLL COUNTY FY 2019 COMPLETIONS		
1	1 Small Replacement Bus - 3374 (FY19 5339)	61	Complete
2	1 Small Replacement Bus - 3382 (FY19 5339)	61	Complete
3	1 Small Replacement Bus - 3390 (FY19 5339)	61	Complete
4	Preventive Maintenance (FY18)	200	Complete
	CECIL COUNTY FY 2019 COMPLETIONS		
1	3 Bus Wraps (FY15)	13	Complete
2	3 Surveillance Cameras	18	Complete
3	Preventive Maintenance (FY18)	150	Complete
4	Preventive Maintenance (FY19)	150	Complete
5	Small Replacememt Bus - 231 (FY19 5307)	76	Complete
	CENTRAL MD NON-PROFIT FY 2019 COMPLETIONS		
1	Central MD Regional Transit - VTCLI Statewide TRIP (FY15)	487	Complete

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	CHARLES COUNTY FY 2019 COMPLETIONS		
1	3 Medium Replacement Buses - T79, T80, T27 (FY18)	290	Complete
2	4 Medium Replacement Buses - T75, T76, T77, T78 (FY18)	676	Complete
3	Preventive Maintenance (FY18)	227	Complete
	DORCHESTER COUNTY FY 2019 COMPLETIONS		
1	Preventive Maintenance (FY18)	75	Complete
	EASTERN SHORE NON-PROFITS FY 2019 COMPLETIONS		
1	Delmarva Community Services - 1 Small Replacement Bus - 166 (FY18/19 5310)	65	Complete
2	Delmarva Community Services - VTCLI One Call/One Click Center (FY15)	500	Complete

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	ELDERLY/DISABLED NON-PROFITS FY 2019 COMPLETIONS		
1	Action in Maturity - 1 Small Expansion Bus (FY18 SS)	59	Complete
2	Action in Maturity - Preventive Maintenance (FY18/19)	8	Complete
3	Appalachian Parent Assoc - Preventive Maintenance (FY18/19)	44	Complete
4	Appalachian Parent Assoc - Small Replacement Bus - 14 (FY18 SS)	56	Complete
5	ARC of Southern Maryland - 1 Small Expansion Bus (FY18/19)	65	Complete
6	ARC of Washington County - 1 Small Replacement Bus (FY18 SS)	57	Complete
7	ARC of Washington County - Preventive Maintenance (FY16/17)	15	Complete
8	Center for Life Enrichment - 1 Small Expansion Bus (FY18 SS)	65	Complete
9	Daybreak Adult Day Services - 1 Small Replacement Bus - #6 (FY18 SS)	59	Complete
10	Easter Seals Baltimore - 1 Small Replacememt Bus (FY18 SS)	65	Complete
11	Easter Seals Hagerstown - Preventive Maintenance (FY18/19)	15	Complete
12	Easter Seals Hagerstown - Preventive Maintenance (FY16/17)	18	Complete
13	Mosaic - 2 Small Replacement Buses (FY18 SS)	117	Complete
14	Mosaic - Preventive Maintenance (FY18/19)	51	Complete
15	Partners In Care - Preventive Maintenance (FY16/17)	5	Complete
16	Partners In Care-Mobility Management (FY16/17)	294	Complete
17	Progress Unlimited, Inc. - 1 Small Expansion Bus (FY18 SS)	61	Complete
18	Progress Unlimited, Inc. - Preventive Maintenance (FY16/17)	76	Complete
19	Progress Unlimited, Inc. - Preventive Maintenance (FY17 SS)	19	Complete
20	Progress Unlimited, Inc. - Preventive Maintenance (FY18/19)	70	Complete
21	Somerset Community Services - 1 Small Replacement Bus (FY18 SS)	61	Complete
22	Spring Dell - 7 Security Cameras (FY18/19)	15	Complete
23	Spring Dell - Preventive Maintenance (FY16/17)	45	Complete
24	St. Mary's Adult Medical Day Care - Preventive Maintenance (FY16/17)	6	Complete
25	The League for People with Disabilities - 1 Small Replacement Bus (FY18 SS)	65	Complete

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	ELDERLY/DISABLED NON-PROFITS FY 2019 COMPLETIONS (cont'd)		
26	Unified Community Connections - 1 Small Replacement Bus (FY18/19)	55	Complete
27	Way Station - 1 Small Expansion Bus (FY18 SS)	65	Complete
28	Winter Growth - 1 Small Expansion Bus (FY18 SS)	61	Complete
	FREDERICK COUNTY FY 2019 COMPLETIONS		
1	3 Heavy Duty Diesel Replacement Buses - 35925, 35924, 35926 (FY18)	1,200	Complete
2	Electric Bus 35920 (FY17) Converted to Heavy Duty Replacement Bus	390	Complete
3	Electric Bus 35922 (FY17) Converted to Heavy Duty Replacement Bus	390	Complete
4	Electric Bus 35928 (FY17) Converted to Heavy Duty Replacement Bus	390	Complete
5	Facility Update D&E (FY17)	390	Complete
6	Gas Medium Duty 37963 (FY17)	133	Complete
7	Paratransit Software (FY17)	275	Complete
8	Preventive Maint (FY17 5311)	70	Complete
9	Preventive Maintenance (FY18 5307)	700	Complete
10	Small Gas Cutaway Replacement Bus - 37960 (FY19 5339)	69	Complete
11	Small Gas Cutaway Replacement Bus - 37961 (FY19 5339)	72	Complete
12	Small Gas Cutaway Replacement Bus - 37962 (FY19 5339)	69	Complete
	GARRETT COUNTY FY 2019 COMPLETIONS		
1	Preventive Maintenance (FY18)	267	Complete
2	Small Replacement Bus - 185	57	Complete
3	Small Replacement Bus - 186	57	Complete

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	HARFORD COUNTYFY 2019 COMPLETIONS		
1	2 Small Replacement Buses - 8005, 8011 (FY18 5307)	167	Complete
2	Bus Shelters (FY13)	130	Complete
3	Bus Wash Rennovation (FY14)	55	Complete
4	Bus Wash Renovation (FY16)	30	Complete
5	Call Center Phone (FY15)	14	Complete
6	Garage Door Repair (FY14)	30	Complete
7	Ridesharing (FY18)	88	Complete
	HOWARD COUNTY FY 2019 COMPLETIONS		
1	Bus Rapid Transit (BRT) Plan (FY18)	143	Complete
2	Pilot Rideshare Assistance (FY16)	197	Complete
3	Ridesharing (FY18)	131	Complete
	MONTGOMERY COUNTY FY 2019 COMPLETIONS		
1	Bus Replacement (FY18 WAG)	2,000	Complete
2	Ridesharing (FY18)	372	Complete
	OCEAN CITY FY 2019 COMPLETIONS		
1	Preventive Maintenance (FY19 5311)	600	Complete
	PRINCE GEORGE'S COUNTY FY 2019 COMPLETIONS		
1	Ridesharing (FY18)	269	Complete

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	QUEEN ANNE'S COUNTYFY 2019 COMPLETIONS		
1	Preventive Maintenance (FY19 5311 & LU)	65	Complete
2	Small Cutaway Replacement Bus - 320 (FY19 5339)	71	Complete
3	Small Cutaway Replacement Bus - 340 (FY19 5339)	71	Complete
	SOMERSET COUNTYFY 2019 COMPLETIONS		
1	Small Replacement Bus - 17 (FY19 SS 5310)	56	Complete
2	Small Replacement Bus - 21 (FY19 SS 5310)	56	Complete
3	Smith Island Study (FY17)	40	Complete
	SOUTHERN MD NON-PROFITS FY 2019 COMPLETIONS		
1	Tri-County Council of Southern Maryland - Ridesharing (FY18)	109	Complete
	ST MARY'S COUNTY FY 2019 COMPLETIONS		
1	Preventive Maintenance (FY18 5307 & 5311)	125	Complete
	TALBOT COUNTY FY 2019 COMPLETIONS		
1	Preventive Maintenance (FY18 5311)	84	Complete
	TRI-COUNTY COUNCIL FOR LOWER EASTERN SHORE FY 2019 COMPLETIONS		
1	2 Medium Replacement Buses (FY18 5307)	236	Complete
2	Bus Wash Equipment (FY18 5307)	500	Complete
3	Facility Construction Phase III	1,557	Complete
4	Mobility Management (FY18 5307)	143	Complete
5	Mobility Management (FY19 5307)	143	Complete
6	Preventive Maintenance (FY18 5307)	826	Complete
7	Small Replacement Bus - 55 (FY19 5339)	72	Complete

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	WASHINGTON COUNTY FY 2019 COMPLETIONS		
1	Preventive Maintenance (FY18 5307)	300	Complete
	WICOMICO COUNTY FY 2019 COMPLETIONS		
1	See Tri-County Council for the Lower Eastern Shore for Projects		
	WORCESTER COUNTY FY 2019 COMPLETIONS		
1	See Tri-County Council for the Lower Eastern Shore and Ocean City for Projects		

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	ALLEGANY COUNTY FY 2020 AND 2021		
1	1 Medium Replacement Bus - 304 (FY18)	300	FY 2020
2	1 Medium Replacement Bus - 305 (FY18)	300	FY 2020
3	1 Medium Replacement Bus (FY13)	309	FY 2020
4	Medium Duty under 30' Replacement 303 (FY17)	175	FY 2020
5	Medium Replacement Bus - 307 (FY19)	249	FY 2020
6	Transportation Development Plan (FY19)	100	FY 2020
7	1 Heavy Duty Bus Replacement - 299 (FY20)	137	FY 2021
8	1 Small Bus Replacement - 634 (FY20)	92	FY 2021
9	Preventive Maintenance (FY20)	350	FY 2021
10	Preventive Maintenance (FY19)	350	Ongoing
11	Vehicle Cameras APC (FY15)	237	Underway
	ANNAPOLIS FY 2020 AND 2021		
1	Office Furniture (FY20)	10	FY 2020
2	Preventive Maintenance (FY20)	45	FY 2020
3	1 Medium Bus Replacement - 253 (FY20)	386	FY 2021
4	1 Medium Bus Replacement - 256 (FY20)	386	FY 2021
5	40 Bus Stop Shelters (FY14)	422	Underway
6	Maintenance Shop Rehabilitation	105	Underway

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	ANNE ARUNDEL COUNTY FY 2020 AND 2021		
1	Ridesharing (FY20)	197	FY 2020
2	1 Medium Replacement Bus - 9544 (FY20)	139	FY 2021
3	1 Medium Replacement Bus - 9545 (FY20)	139	FY 2021
4	1 Medium Replacement Bus - 9547 (FY20)	139	FY 2021
5	1 Medium Replacement Bus - 9710 (FY19 5339)	180	FY 2021
6	1 Medium Replacement Bus - 9711 (FY19 5339)	180	FY 2021
7	1 Medium Replacmement Bus - 9548 (FY18)	194	FY 2021
8	1 Medium Replacmement Bus - 9549 (FY18)	194	FY 2021
9	Mobile Radios (FY19 5339)	35	FY 2021
10	Ridesharing (FY19)	197	Ongoing
	BALTIMORE CITY FY 2020 AND 2021		
1	Ridesharing (FY20)	82	FY 2020
2	Ridesharing (FY19)	82	Ongoing
	BALTIMORE COUNTY FY 2020 AND 2021		
1	BMC Ridesharing (FY20)	170	FY 2020
2	Transportation Development Plan (FY20)	95	FY 2020
3	1 Small Bus Replacement - 30381 (FY20)	61	FY 2021
4	1 Small Bus Replacement - 30382 (FY20)	61	FY 2021
5	BMC Ridesharing (FY18)	170	Ongoing
6	BMC Ridesharing (FY19)	170	Ongoing

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	CALVERT COUNTY FY 2020 AND 2021		
1	1 Medium Replacement Bus (FY16 5311 & 5307)	148	FY 2020
2	Preventive Maintenance (FY20 5307)	32	FY 2020
3	Preventive Maintenance (FY20 5311)	119	FY 2020
4	Ridesharing (FY20)	9	FY 2020
5	Transportation Development Plan (FY20 5304)	95	FY 2020
6	1 Small Bus Replacement - 138 (FY20 5339)	63	FY 2021
7	1 Small Bus Replacement - 140 (FY20 5339)	69	FY 2021
8	Preventive Maintenance (FY19 5307)	36	Ongoing
9	Preventive Maintenance (FY19 5311)	137	Ongoing
10	Ridesharing (FY19)	9	Ongoing
11	AVL Equipment (FY18 5339)	4	Underway
	CARROLL COUNTY FY 2020 AND 2021		
1	Preventive Maintenance (FY20)	150	FY 2020
2	1 Small Bus Replacement - 3381 (FY20)	62	FY 2021
3	1 Small Bus Replacement - 3386 (FY20)	66	FY 2021
4	1 Small Bus Replacement - 3387 (FY20)	66	FY 2021
5	Preventive Maintenance (FY19)	200	Ongoing
6	Transportation Development Plan (FY18)	95	Ongoing
7	Replacement Tablets (18) (FY18)	9	Underway

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	CECIL COUNTY FY 2020 AND 2021		
1	1 Medium Replacement Bus - 225 (FY18)	210	FY 2020
2	1 Replacement Bus 35' (FY15)	226	FY 2020
3	2 Expansion 35' HD Buses	451	FY 2020
4	Bus Wraps for Cutaway Buses (FY16)	7	FY 2020
5	Hub Study - Phase II	175	FY 2020
6	Medium duty 35' Expansion (FY17)	300	FY 2020
7	Medium duty 35' Expansion (FY17)	300	FY 2020
8	Medium Replacement Bus - 229 (FY19 5307)	274	FY 2020
9	Mobile Radios (FY17)	7	FY 2020
10	Preventive Maintenance (FY20)	170	FY 2020
11	3 Bus Wraps (FY20)	13	FY 2021
12	Automatic Annunciators (FY20)	80	FY 2021
13	Automatic Passenger Counters (FY20)	70	FY 2021
14	Small Cutaway Bus - 230 (FY20)	77	FY 2021
15	Small Cutaway Bus - 232 (FY20)	77	FY 2021
16	Small Cutaway Bus - 233 (FY20)	77	FY 2021
	CENTRAL MD NON-PROFIT FY 2020 AND 2021		
1	Central MD Regional Transit (FY16/17 5310) - Mobility Management	1,104	Ongoing
2	Central MD Regional Transit (FY16/17 5310) - Travel Training	464	Ongoing
3	Central MD Regional Transit (FY18/19 5310) - Mobility Management	411	Ongoing
4	Central MD Regional Transit (FY18/19 5310) - Travel Training	38	Ongoing
5	New Freedom Program (Partners In Care)	20	Ongoing

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	CHARLES COUNTY FY 2020 AND 2021		
1	1 Medium Replacement Bus - T29 (FY19 5339)	100	FY 2020
2	1 Medium Replacement Bus - T30 (FY19 5339)	100	FY 2020
3	1 Medium Replacement Bus - T31 (FY19 5339)	100	FY 2020
4	1 Medium Replacement Bus - T32 (FY19 5339)	100	FY 2020
5	1 Medium Replacement Bus - T33 (FY19 5339)	100	FY 2020
6	Design & Engineering for Facility (FY20)	500	FY 2020
7	Onboard Security Camera System (FY16)	138	FY 2020
8	Preventive Maintenance (FY20)	114	FY 2020
9	Shelter and Bus Stop Improvements (FY17)	50	FY 2020
10	1 Light Duty Paratransit Bus - T82	62	FY 2021
11	1 Light Duty Paratransit Bus - T87	62	FY 2021
12	Preventive Maintenance (FY19)	227	Ongoing
13	Feasibility Study Phase II (FY15)	300	Underway
	DORCHESTER COUNTY FY 2020 AND 2021		
1	(2) Gas Engines (FY19 5311)	7	FY 2020
2	(2) Gas Transmissions (FY19 5311)	7	FY 2020
3	Preventive Maintenance (FY20)	50	FY 2020
4	1 Medium Duty Replacement Bus (FY13)	113	FY 2021
5	1 Small Bus Replacement - 197 (FY20)	77	FY 2021
6	1 Van Replacement - 189 (FY20)	50	FY 2021
7	Preventive Maintenance (FY19)	50	Ongoing
8	Transportation Development Plan (TDP) (FY16)	90	Underway

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	EASTERN SHORE NON-PROFITS FY 2020 AND 2021		
1	Delmarva Community Transit- 2 Small Replacement Buses (FY20/21)	137	FY 2020
2	Delmarva Community Transit- Mobility Management (FY20/21)	460	FY 2020
3	Delmarva Community Transit- Mobility Management (FY18/19)	324	Ongoing

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	ELDERLY/DISABLED NON-PROFITS FY 2020 AND 2021		
1	Action in Maturity - Preventive Maintenance (FY20/21)	25	FY 2020
2	Allegany County HRDC, Inc. - Preventive Maintenance (FY20/21)	26	FY 2020
3	Appalachian Parent Assoc - Preventive Maintenance (FY20/21)	50	FY 2020
4	ARC of Northern Chesapeake Region - 1 Small Bus Expansion(FY20/21)	56	FY 2020
5	ARC of Northern Chesapeake Region - 2 Small Bus Replacements (FY20/21)	120	FY 2020
6	ARC of Northern Chesapeake Region - Preventive Maintenance (FY20/21)	9	FY 2020
7	ARC of Southern Maryland - 2 Small Bus Expansions(FY20/21)	100	FY 2020
8	ARC of Washington County - 1 Small Bus Replacement (FY20/21)	62	FY 2020
9	Associated Catholic Charities - 1 Small Replacement Bus - #MW (FY20/21)	63	FY 2020
10	Associated Catholic Charities - Preventive Maintenance (FY20/21)	55	FY 2020
11	Chesapeake Care Resources, Inc. - 1 Small Replacement Bus - #1 (FY20/21)	69	FY 2020
12	Chesapeake Care Resources, Inc. - Preventive Maintenance (FY20/21)	20	FY 2020
13	Daybreak Adult Day Services - 1 Small Replacement Bus - #4 (FY20/21)	63	FY 2020
14	Daybreak Adult Day Services - 1 Small Replacement Bus - #8 (FY20/21)	63	FY 2020
15	Diakon - Preventive Maintenance (FY20/21)	6	FY 2020
16	Diakon - 1 Small Replacment Bus - #UGH307 (FY20/21)	63	FY 2020
17	Dove Pointe, Inc. - 4 Wheelchair Lifts (FY18 SS)	25	FY 2020
18	Easter Seals Baltimore - Preventive Maintenance (FY17 SS)	24	FY 2020
19	Easter Seals Baltimore - Preventive Maintenance (FY20/21)	30	FY 2020
20	Easter Seals Hagerstown - 1 Small Replacement Bus - Phoenix (FY20/21)	67	FY 2020
21	Easter Seals Hagerstown - Preventive Maintenance (FY20/21)	30	FY 2020
22	Friends Aware - Preventive Maintenance (FY20/21)	30	FY 2020
23	Harford Center - 1 Small Replacement Bus - 02 (FY20/21)	60	FY 2020
24	Harford Center - 1 Small Replacement Bus - 23 (FY20/21)	60	FY 2020
25	Harford Center - Preventive Maintenance (FY20/21)	6	FY 2020

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	ELDERLY/DISABLED NON-PROFITS FY 2020 AND 2021 (cont'd)		
26	Hopkins Elder Plus - 1 Small Replacement Bus - 24-001 (FY20/21)	68	FY 2020
27	Hopkins Elder Plus - Preventive Maintenance (FY20/21)	52	FY 2020
28	Hopkins Elder Plus - 1 Small Expansion Bus (FY20/21)	68	FY 2020
29	Humanim- 1 Small Replacement Bus-43 (FY20/21)	60	FY 2020
30	Humanim- 1 Small Replacement Bus-W4 (FY20/21)	60	FY 2020
31	Kent Center - Office Equipment (FY18/19)	4	FY 2020
32	Mosaic-2 Small Bus Expansions (FY20/21)	121	FY 2020
33	Mosaic-Preventive Maintenace (FY20/21)	60	FY 2020
34	Partners in Care-Mobility Management- All Programs (FY20/21)	591	FY 2020
35	Partners in Car-Preventive Maintenance (FY20/21)	40	FY 2020
36	Progress Unlimited, Inc. - Preventive Maintenance (FY20/21)	90	FY 2020
37	Progress Unlimited, Inc. - Walkie Talkies (FY18/19)	7	FY 2020
38	Spring Dell -2 Small Bus Replacements (FY20/21)	126	FY 2020
39	St. Mary's Adult Medical Day Care - Small Bus Expansion (FY20/21)	59	FY 2020
40	St. Mary's Nursing Center, Inc. - Preventive Maintenance (FY20/21)	13	FY 2020
41	The League for People with Disabilities - 1 Small Bus Expansion (FY20/21)	61	FY 2020
42	The League for People with Disabilities - 1 Small Bus Replacement (FY20/21)	64	FY 2020
43	Unified Community Connections- 2 Small Bus Replacements (FY20/21)	110	FY 2020
44	Washington County CAC - 2 Small Replacment Buses (FY20/21)	126	FY 2020
45	Washington County CAC - Mobility Management(FY20/21)	135	FY 2020
46	Way Station- 2 Small Replacement Buses (FY20/21)	120	FY 2020
47	Winter Growth - Preventive Maintenance (FY20/21)	2	FY 2020
48	Winter Growth-1 Small Replacement Bus (FY20/21)	75	FY 2020
49	Worcester County Comm on Aging - Computer/Software (FY18/19)	20	FY 2020
50	Worcester County Comm on Aging - Mobility Management (FY20/21)	106	FY 2020

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	ELDERLY/DISABLED NON-PROFITS FY 2020 AND 2021 (cont'd)		
51	Worcester County Developmental Center - 2 Small Replacement Buses (FY20/21)	120	FY 2020
52	Allegany County HRDC, Inc. - 1 Minivan Replacement - AAA2 (FY20/21)	50	FY 2021
53	Appalachian Parent Assoc - 1 Minivan Replacement - X-18 (FY20/21)	50	FY 2021
54	ARC of Washington County - 2 Minivans Expansion (FY20/21)	100	FY 2021
55	Associated Catholic Charities - 10 Minivans - Expansion (FY20/21)	500	FY 2021
56	Center for Life Enrichment - 3 Minivans - Expansion (FY20/21)	150	FY 2021
57	Dove Pointe, Inc. - 1 Minivan - Expansion (FY20/21)	50	FY 2021
58	Easter Seals Baltimore - 2 Minivans - Expansion (FY20/21)	100	FY 2021
59	Freedom Landing - 2 Expansion Minivans (FY16/17)	80	FY 2021
60	Friends Aware - 1 Minivan Expansion (FY20/21)	50	FY 2021
61	Harford Center - 1 Minivan - Expansion (FY20/21)	50	FY 2021
62	Humanim-2 Minivans-Expansion (FY20/21)	100	FY 2021
63	Progress Unlimited,Inc.-1 Minivan Expansion (FY20/21)	50	FY 2021
64	Progress Unlimited,Inc.-2 Minivan Replacements (FY20/21)	100	FY 2021
65	Progress Unlimited,Inc.-35 Ipads and Protective Cases (FY20/21)	13	FY 2021
66	Prologue, Inc. - 2 Minivan Replacements (FY20/21)	100	FY 2021
67	Providence Center- 10 Minivan Expansion (FY20/21)	500	FY 2021
68	Spring Dell- Minivan Replacement (FY 20/21)	50	FY 2021
69	Star Community-2 Minivans Expansion (FY20/21)	100	FY 2021
70	The League for People with Disabilities - 1 Minivan Expansion (FY20/21)	50	FY 2021
71	The League for People with Disabilities - 1 Minivan Replacement (FY20/21)	50	FY 2021
72	Washington County CAC - 1 Minivan Expansion (FY20/21)	50	FY 2021
73	Winter Growth-1 Minivan Expansion (FY20/21)	50	FY 2021
74	Allegany County HRDC, Inc. - Mobility Management (FY18/19)	100	Ongoing
75	Allegany County HRDC, Inc. - Preventive Maintenance (FY18/19)	27	Ongoing

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	ELDERLY/DISABLED NON-PROFITS FY 2020 AND 2021 (cont'd)		
76	ARC of Northern Chesapeake Region - Preventive Maintenance (FY18/19)	45	Ongoing
77	ARC of Southern Maryland - Mobility Management (FY18 SS)	114	Ongoing
78	ARC of Southern Maryland - Preventive Maintenance (FY18/19)	5	Ongoing
79	ARC of Washington County - Preventive Maintenance (FY18/19)	8	Ongoing
80	Associated Catholic Charities - Preventive Maintenance (FY18/19)	55	Ongoing
81	Athelas - Preventive Maintenance (FY18/19)	10	Ongoing
82	Bayside Community Network - Preventive Maintenance (FY16/17)	30	Ongoing
83	Bayside Community Network - Preventive Maintenance (FY18/19)	23	Ongoing
84	Charles County Nursing and Rehabilitation - Preventive Maintenance (FY16/17)	24	Ongoing
85	Charles County Nursing and Rehabilitation - Preventive Maintenance (FY18/19)	19	Ongoing
86	Chesapeake Care Resources, Inc. - Preventive Maintenance (FY18/19)	5	Ongoing
87	Comprehensive Housing Assistance - Preventive Maintenance (FY16/17)	3	Ongoing
88	Comprehensive Housing Assistance - Preventive Maintenance (FY17 SS)	6	Ongoing
89	Comprehensive Housing Assistance - Preventive Maintenance (FY18/19)	10	Ongoing
90	Diakon - Preventive Maintenance (FY18/19)	4	Ongoing
91	Dorchester County Comm on Aging - Preventive Maintenance (FY18/19)	17	Ongoing
92	Dove Pointe, Inc. - Preventive Maintenance (FY17 SS)	48	Ongoing
93	Dove Pointe, Inc. - Preventive Maintenance (FY18/19)	100	Ongoing
94	Easter Seals Baltimore - Preventive Maintenance (FY18/19)	44	Ongoing
95	Easter Seals Hagerstown - Preventive Maintenance (FY18 SS)	8	Ongoing
96	Freedom Landing - Preventive Maintenance (FY16/17)	9	Ongoing
97	Freedom Landing - Preventive Maintenance (FY18/19)	3	Ongoing
98	Friends Aware - Preventive Maintenance (FY16/17)	42	Ongoing
99	Friends Aware - Preventive Maintenance (FY18/19)	23	Ongoing
100	Hopkins Elder Plus - Preventive Maintenance (FY18/19)	35	Ongoing

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	ELDERLY/DISABLED NON-PROFITS FY 2020 AND 2021 (cont'd)		
101	Humanim-Preventive Maintenance (FY16/17)	20	Ongoing
102	Kent Center - Preventive Maintenance (FY16/17)	9	Ongoing
103	Kent Center - Preventive Maintenance (FY17 SS)	6	Ongoing
104	Kent Center - Preventive Maintenance (FY18/19)	5	Ongoing
105	LifeBridge Health - Mobility Management (FY18/19)	100	Ongoing
106	Lifestyles, Inc. - Preventive Maintenance (FY16/17)	2	Ongoing
107	Partners In Care - Preventive Maintenance (FY18/19)	20	Ongoing
108	Partners in Care-Mobility Management (18/19)	336	Ongoing
109	Progress Unlimited, Inc. - Preventive Maintenance (FY18 SS)	30	Ongoing
110	Shore Up! - Preventive Maintenance (FY16/17)	12	Ongoing
111	Shore Up! - Preventive Maintenance (FY18/19)	12	Ongoing
112	Spring Dell - Preventive Maintenance (FY18/19)	42	Ongoing
113	St. Mary's Adult Medical Day Care - Preventive Maintenance (FY17 SS)	3	Ongoing
114	St. Mary's Nursing Center, Inc. - Preventive Maintenance (FY16/17)	6	Ongoing
115	Star Community - Preventive Maintenance (FY16/17)	3	Ongoing
116	The League for People with Disabilities - Preventive Maintenance (FY16/17)	7	Ongoing
117	Washington County CAC - Mobility Management(FY18 SS)	10	Ongoing
118	Washington County CAC - Mobility Management(FY18/19)	101	Ongoing
119	Washington County CAC - Preventive Maintenance (FY18/19)	15	Ongoing
120	Winter Growth - Preventive Maintenance (FY16/17)	2	Ongoing
121	Worcester County Comm on Aging - Mobility Management (FY18 SS)	45	Ongoing
122	Worcester County Comm on Aging - Preventive Maintenance (FY16/17)	15	Ongoing
123	Worcester County Comm on Aging - Preventive Maintenance (FY17 SS)	5	Ongoing
124	Worcester County Comm on Aging - Preventive Maintenance (FY18/19)	20	Ongoing
125	Worcester County Developmental Center - Preventive Maintenance (FY18/19)	65	Ongoing

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	ELDERLY/DISABLED NON-PROFITS FY 2020 AND 2021 (cont'd)		
126	Allegany County HRDC, Inc. - Ride To Wellness (FY18/19)	182	Underway
127	Chesapeake Care Resources, Inc. - 6 Wheelchair Accessability Systems (FY17 SS)	3	Underway
128	Spring Dell - 10 Wheelchair Lift Safety Belts (FY17 SS)	1	Underway
	FREDERICK COUNTY FY 2020 AND 2021		
1	1 Electric Bus - 35927 (FY18)	585	FY 2020
2	Preventive Maintenance (FY19 5311)	70	FY 2020
3	Preventive Maintenance (FY20 5307)	700	FY 2020
4	Preventive Maintenance (FY20 5311)	70	FY 2020
5	Rideshare (FY20)	124	FY 2020
6	Transportation Development Plan (TDP) (FY20)	95	FY 2020
7	Preventive Maintenance (FY18 5311)	70	Ongoing
8	Preventive Maintenance (FY19 5307)	700	Ongoing
9	Ridesharing (FY19)	124	Ongoing
10	Facility Expansion Construction (FY18)	500	Underway
11	Facility Expansion Construction (FY20)	2,500	Underway
	GARRETT COUNTY FY 2020 AND 2021		
1	Preventive Maintenance (FY20)	267	FY 2020
2	1 Small Bus Replacement - 188 (FY20)	58	FY 2021
3	1 Small Bus Replacement - 208 (FY20)	58	FY 2021
4	Preventive Maintenance (FY19)	267	Ongoing
5	Transportation Development Plan (FY18)	95	Ongoing

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	HARFORD COUNTY FY 2020 AND 2021		
1	1 Medium Bus (FY13)	198	FY 2020
2	1 Medium Replacement Bus (FY16)	196	FY 2020
3	3 Medium Replacement Buses - 811, 820, 8014 (FY18 5307)	586	FY 2020
4	Bus Shelters (FY18)	130	FY 2020
5	Bus Wash (FY18)	150	FY 2020
6	Fare Collection (FY18)	130	FY 2020
7	Office Space Buildout (FY18)	150	FY 2020
8	Operator Trainng Room A/C Funds (FY16)	25	FY 2020
9	Preventive Maintenance (FY20)	700	FY 2020
10	Ridesharing (FY20)	88	FY 2020
11	Routematch Replacement Tablets & Docks (FY20)	60	FY 2020
12	Security Cameras (FY18)	100	FY 2020
13	Support Vehicle - 8015 (FY19)	45	FY 2020
14	1 Heavy Duty Bus Replacement - 817 (FY20 5339)	413	FY 2021
15	1 Heavy Duty Bus Replacement - 819 (FY20)	413	FY 2021
16	1 Heavy Duty Bus Replacement - 824 (FY20)	413	FY 2021
17	1 Medium Replacement Bus - 8013 (FY19 5339)	265	FY 2021
18	1 Medium Replacement Bus - 814 (FY19 5307)	265	FY 2021
19	4 Small Bus Replacements - 8004, 8007, 8009, 8006 (FY20)	355	FY 2021
20	Feasibility Study	150	FY 2021
21	Preventive Maintenance (FY19)	600	Ongoing
22	Ridesharing (FY19)	88	Ongoing
23	A/C for Training Room (FY15)	15	Underway
24	Bus Wash System (FY17)	280	Underway

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	HOWARD COUNTY FY 2020 AND 2021		
1	1 Heavy Duty Replacement Bus - 9533 (FY19 5339)	365	FY 2020
2	1 Heavy Duty Replacement Bus - 9537 (FY19 5339)	365	FY 2020
3	Preventive Maintenance (FY20)	53	FY 2020
4	Ridesharing (FY19)	131	FY 2020
5	1 Heavy Duty Bus Replacement - 9546 (FY20)	423	FY 2021
6	1 Heavy Duty Bus Replacement - 9552 (FY20)	423	FY 2021
7	Ridesharing (FY19)	131	Ongoing
	KENT COUNTY FY 2020 AND 2021		
1	See Talbot County for Projects		
	MONTGOMERY COUNTY FY 2020 AND 2021		
1	Bus Replacement (FY19 WAG)	2,000	FY 2020
2	Ridesharing (FY20)	372	FY 2020
3	Bus Replacement (FY20 WAG)	2,000	FY 2021
4	Ridesharing (FY19)	372	Ongoing
	OCEAN CITY FY 2020 AND 2021		
1	Facility Construction Oversight (FY20 5311)	200	FY 2020
2	Preventive Maintenance (FY20)	600	FY 2020
3	Transit Facility Construction (FY20 5311)	6,263	FY 2020
4	Facility Construction Oversight (FY19 5311)	488	Underway
5	Transit Campus Construction (FY18 5311)	6,250	Underway
6	Transit Campus Construction (FY19 5311)	7,500	Underway
7	Transit Facility D & E (FY17)	520	Underway

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	PRINCE GEORGE'S COUNTY FY 2020 AND 2021		
1	Bus Stop Improvements (FY15)	500	FY 2020
2	Ridesharing (FY20)	269	FY 2020
3	Bus Replacement (FY19 WAG)	500	FY 2021
4	Bus Replacement (FY20 WAG)	500	FY 2021
5	Bus Stop Improvements (Buses)(FY16 WAG)	500	FY 2021
6	Bus Stop Improvements (Buses)(FY17 WAG)	500	FY 2021
7	Bus Stop Improvements (Buses)(FY18 WAG)	500	FY 2021
8	Ridesharing (FY19)	269	Ongoing
9	Bus Stop Improvements (FY13 & FY14)	735	Underway
	QUEEN ANNE'S COUNTY FY 2020 AND 2021		
1	Preventive Maintenance (FY20 5311 & LU)	85	FY 2020
2	Small Cutaway Replacement Bus - 263 (FY20 5339)	72	FY 2020
3	Small Cutaway Replacement Bus - 264 (FY20 5339)	74	FY 2020
4	Transportation Development Plan (FY17)	90	Underway
	SOMERSET COUNTY FY 2020 AND 2021		
1	See Tri-County Council for the Lower Eastern Shore Projects		
2	1 Small Replacement Bus - 15 (FY20 5310)	60	FY 2020
3	1 Small Replacement Bus - 22 (FY20 5310)	60	FY 2020
	SOUTHERN MD NON-PROFITS FY 2020 AND 2021		
1	Tri-County Council of Southern Maryland - Ridesharing (FY20)	109	FY 2020
2	Tri-County Council of Southern Maryland - Ridesharing (FY19)	109	Ongoing

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	ST MARY'S COUNTY FY 2020 AND 2021		
1	1 Medium Replacement Bus - 45 (FY19 5339)	189	FY 2020
2	1 Medium Replacement Bus - 46 (FY19 5339)	189	FY 2020
3	1 Medium Replacement Bus - 47 (FY19 5339)	189	FY 2020
4	1 Medium Replacement Bus (FY17 5339)	138	FY 2020
5	3 30' HD Replacement Buses (FY16 5307 & 5311)	414	FY 2020
6	4 Medium Replacement Buses (FY15 5339 & 5307 & 5311)	500	FY 2020
7	Preventive Maintenance (FY20 5307 & 5311)	124	FY 2020
8	Routing Software (FY20 5307 & 5311)	446	FY 2021
9	Preventive Maintenance (FY17 5307 & 5311)	94	Ongoing
10	Preventive Maintenance (FY19 5307 & 5311)	125	Ongoing
11	Transportation Development Plan (FY18)	95	Ongoing
	TALBOT COUNTY FY 2020 AND 2021		
1	1 Small Bus Replacement - 801 (FY20 5339)	77	FY 2020
2	Preventive Maintenance (FY20 5311)	30	FY 2020
3	1 Medium Replacement Bus - 2192 (FY19 5339)	194	FY 2021
4	1 Medium Replacement Bus - 2193 (FY18 5339)	175	FY 2021
5	1 Van Replacement - 20 (FY20 5339)	50	FY 2021
6	2 Medium Duty Replacement Buses (FY14)	223	FY 2021
7	Preventive Maintenance (FY19 5311)	50	Ongoing

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	TRI-COUNTY COUNCIL FOR LOWER EASTERN SHORE FY 2020 AND 2021		
1	1 Small Bus Replacement - 83 (FY20 5339)	72	FY 2020
2	1 Small Bus Replacement - 94 (FY20 5339)	72	FY 2020
3	1 Small Bus Replacement - 98 (FY20 5339)	72	FY 2020
4	Mobility Management (FY20 5307)	72	FY 2020
5	Preventive Maintenance (FY20 5307)	800	FY 2020
6	1 Medium Bus Replacement - 267 (FY20 5339)	169	FY 2021
7	1 Medium Bus Replacement - 405 (FY20 5339)	169	FY 2021
8	1 Medium Bus Replacement - 420 (FY20 5339)	169	FY 2021
9	1 Medium Replacement Bus - 406 (FY19 5339)	119	FY 2021
10	1 Medium Replacement Bus - 407 (FY19 5339)	119	FY 2021
11	Preventive Maintenance (FY19 5307)	800	Ongoing
	WASHINGTON COUNTY FY 2020 AND 2021		
1	1 Medium Replacement Bus - 705 (FY19 5339)	249	FY 2020
2	1 Medium Replacement Bus - 706 (FY19 5339)	249	FY 2020
3	2 Medium Replacement Buses - 701, 702 (FY18 5307)	652	FY 2020
4	2 Medium Replacement Buses - 703, 704 (FY18 5307)	652	FY 2020
5	Preventive Maintenance (FY20 5307)	350	FY 2020
6	1 Medium Replacement Bus - 707 (FY20 5339)	401,340	FY 2021
7	Preventive Maintenance (FY19 5307)	300	Ongoing
8	Passenger Shelter Installs (FY13)	100	Underway
9	RouteMatch Fixed Route System (FY17)	310	Underway
	WICOMICO COUNTY FY 2020 AND 2021		
1	See Tri-County Council for the Lower Eastern Shore for Projects		

LOCALLY OPERATED TRANSIT SYSTEMS

MARYLAND TRANSIT ADMINISTRATION -- LINE 57 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	FY20 + FY21 PROJECT COST ($000's)	CONSTRUCTION START
	LOCALLY OPERATED TRANSIT SYSTEMS (cont'd)		
	WORCESTER COUNTY FY 2020 AND 2021		
1	See Tri-County Council for the Lower Eastern Shore and Ocean City for Projects		