

**Urban Transit Systems - Capital Assistance**

<b>TIP ID</b>	40-1602-05	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	MTA - Transit	<b>Project Type</b>	Fleet improvement
<b>Project Category</b>	Emission Reduction Strategy	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	N/A	<b>Est. Total Cost</b>	\$4,999,000

**Description:**

This project provides capital assistance for the purchase of vehicles, equipment, and facilities, for Harford County (Harford County Transportation Services). Planned purchases include 3 heavy duty bus replacements, a feasibility study, replacement tablets and docks, and 4 small bus replacements.

**Justification:**

Urban transit capital assistance will enable Harford County locally operated transportation systems to operate such that local needs for service can be met.

**Connection to Long-Range Transportation Planning Goals:**

- 2.C Improve and Maintain the Existing Infrastructure -- Maintain/replace transit vehicles.
- 3.A Improve Accessibility -- Increase transportation alternatives for all segments of the population.
- 5.A Conserve and Enhance the Environment -- Provide alternatives to single-occupant passenger vehicles / apply emission reduction technologies.





Urban Transit Systems - Capital Assistance

(Funding in Thousands)

Section 5307 Urbanized Area Formula Program (funding for capital projects)

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$1,672	\$418	\$533	\$133	\$533	\$133	\$533	\$133	\$4,088
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$1,672</b>	<b>\$418</b>	<b>\$533</b>	<b>\$133</b>	<b>\$533</b>	<b>\$133</b>	<b>\$533</b>	<b>\$133</b>	<b>\$4,088</b>



**Urban Transit Systems - Capital Assistance**

(Funding in Thousands)

**Section 5339 (Bus and Bus Facilities Formula Program)**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$330	\$83	\$133	\$33	\$133	\$33	\$133	\$33	\$911
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$330</b>	<b>\$83</b>	<b>\$133</b>	<b>\$33</b>	<b>\$133</b>	<b>\$33</b>	<b>\$133</b>	<b>\$33</b>	<b>\$911</b>
<b>Total</b>	<b>\$2,002</b>	<b>\$501</b>	<b>\$666</b>	<b>\$166</b>	<b>\$666</b>	<b>\$166</b>	<b>\$666</b>	<b>\$166</b>	<b>\$4,999</b>

## Bus and Paratransit Vehicle Overhaul and Replacement

<b>TIP ID</b>	40-1802-05	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	MTA - Transit	<b>Project Type</b>	Fleet improvement
<b>Project Category</b>	Emission Reduction Strategy	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	Multiple	<b>Est. Total Cost</b>	\$232,262,000

**Description:**

This project provides for the routine replacement of buses past their useful service life. Planned purchases include 310 forty-foot clean diesel buses and 40 sixty-foot clean diesel articulated buses. MDOT MTA will also proactively repair and replace bus components at key points in the vehicle’s life, including the vehicle engine, battery, brakes, suspension, body, paint, and wheelchair/ADA, electrical, and pneumatic systems. Batteries in hybrid electric buses near the end of their useful life will be replaced. This project also covers the purchase of 25 small cutaway vehicles and 75 large cutaway vehicles under MTA’s Mobility program. Mobility is a specialized door-to-door service for people with disabilities who are not able to ride fixed route public transportation, including lift equipped buses. In addition to the matching funds listed, MTA has committed \$42.9 million in state dollars.

**Justification:**

In order to reduce operating and maintenance costs, the MTA is committed to procuring new buses to support fleet capacity requirements and to replace aging equipment. This systematic replacement reduces high out of commission rates and the excessive major repair problems that arise from retaining buses beyond their economic life. Replacement with clean diesel buses helps meet higher federal emissions standards. To improve bus reliability, the mini overhaul program for bus vehicles will simultaneously increase vehicle lifespan, improve maintenance efficiency, reduce mechanical breakdowns, mitigate safety risks, develop the workforce through training, and create cost savings. Funds are also needed to provide paratransit vehicles within the Baltimore region. MTA’s Mobility program satisfies the American with Disabilities Act (ADA) provisions adopted by the Federal Transit Administration.

**Connection to Long-Range Transportation Planning Goals:**

- 2.C Improve and Maintain the Existing Infrastructure -- Maintain/replace transit vehicles.
- 3.A Improve Accessibility -- Increase transportation alternatives for all segments of the population.
- 3.B Improve Accessibility -- Improve ADA-related conditions for pedestrians / transit riders.
- 5.A Conserve and Enhance the Environment -- Provide alternatives to single-occupant passenger vehicles / apply emission reduction technologies.





**Bus and Paratransit Vehicle Overhaul and Replacement**

(Funding in Thousands)

**Section 5307 Urbanized Area Formula Program (funding for capital projects)**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$6,809	\$1,702	\$5,347	\$1,337	\$1,600	\$400	\$0	\$0	\$17,195
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$6,809</b>	<b>\$1,702</b>	<b>\$5,347</b>	<b>\$1,337</b>	<b>\$1,600</b>	<b>\$400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$17,195</b>

**Section 5339 (Bus and Bus Facilities Formula Program)**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$5,178	\$1,295	\$5,281	\$1,320	\$5,387	\$1,347	\$19,808
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,178</b>	<b>\$1,295</b>	<b>\$5,281</b>	<b>\$1,320</b>	<b>\$5,387</b>	<b>\$1,347</b>	<b>\$19,808</b>



**Bus and Paratransit Vehicle Overhaul and Replacement**

(Funding in Thousands)

**Congestion Mitigation and Air Quality**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$43,250	\$10,813	\$43,250	\$10,813	\$35,672	\$8,918	\$34,034	\$8,509	\$195,259
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$43,250</b>	<b>\$10,813</b>	<b>\$43,250</b>	<b>\$10,813</b>	<b>\$35,672</b>	<b>\$8,918</b>	<b>\$34,034</b>	<b>\$8,509</b>	<b>\$195,259</b>
<b>Total</b>	<b>\$50,059</b>	<b>\$12,515</b>	<b>\$53,775</b>	<b>\$13,445</b>	<b>\$42,553</b>	<b>\$10,638</b>	<b>\$39,421</b>	<b>\$9,856</b>	<b>\$232,262</b>

**Rural Transit Systems - Capital Assistance**

<b>TIP ID</b>	40-9501-05	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	MTA - Transit	<b>Project Type</b>	Fleet improvement
<b>Project Category</b>	Emission Reduction Strategy	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	NA	<b>Est. Total Cost</b>	\$2,185,000

**Description:**

This project provides capital assistance to small transit systems located throughout the Baltimore region to purchase vehicles, equipment and facilities. Baltimore region transit systems include Anne Arundel County, Baltimore County (Baltimore County Office on Aging), Carroll County (Carroll Transit), and Howard County (Howard Transit). Planned purchases include 2 small bus replacements, bus signage, 12 medium-duty expansion buses, and workforce development for Baltimore County.

**Justification:**

Capital assistance will enable rural transit systems throughout the region to operate such that local demand for service can be met. These rural systems are important components of the regional transportation network.

**Connection to Long-Range Transportation Planning Goals:**

- 2.C Improve and Maintain the Existing Infrastructure -- Maintain/replace transit vehicles.
- 3.A Improve Accessibility -- Increase transportation alternatives for all segments of the population.
- 5.A Conserve and Enhance the Environment -- Provide alternatives to single-occupant passenger vehicles / apply emission reduction technologies.





Rural Transit Systems - Capital Assistance

(Funding in Thousands)

Section 5339 (Bus and Bus Facilities Formula Program)

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$1,748	\$437	\$0	\$0	\$0	\$0	\$0	\$0	\$2,185
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$1,748</b>	<b>\$437</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,185</b>
<b>Total</b>	<b>\$1,748</b>	<b>\$437</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,185</b>



**Small Urban Transit Systems - Capital Assistance**

<b>TIP ID</b>	40-9502-05	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	MTA - Transit	<b>Project Type</b>	Fleet improvement
<b>Project Category</b>	Emission Reduction Strategy	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	NA	<b>Est. Total Cost</b>	\$1,632,000

**Description:**

This project provides capital assistance to small urban transit systems throughout the region to purchase vehicles, equipment, and facilities. The Baltimore region's small urban transit system includes Carroll Transit System, Anne Arundel County and Howard County. Planned purchases include 3 small bus replacements.

**Justification:**

Small urban transit capital assistance will enable locally operated transportation systems to operate such that local needs for services can be met. The small urban systems are important components of the regional transportation network.

**Connection to Long-Range Transportation Planning Goals:**

- 2.C Improve and Maintain the Existing Infrastructure -- Maintain/replace transit vehicles.
- 3.A Improve Accessibility -- Increase transportation alternatives for all segments of the population.
- 5.A Conserve and Enhance the Environment -- Provide alternatives to single-occupant passenger vehicles / apply emission reduction technologies.





**Small Urban Transit Systems - Capital Assistance**

(Funding in Thousands)

**Section 5307 Urbanized Area Formula Program (funding for capital projects)**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$150	\$38	\$160	\$40	\$160	\$40	\$160	\$40	\$788
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$150</b>	<b>\$38</b>	<b>\$160</b>	<b>\$40</b>	<b>\$160</b>	<b>\$40</b>	<b>\$160</b>	<b>\$40</b>	<b>\$788</b>

**Section 5339 (Bus and Bus Facilities Formula Program)**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$195	\$49	\$160	\$40	\$160	\$40	\$160	\$40	\$844
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$195</b>	<b>\$49</b>	<b>\$160</b>	<b>\$40</b>	<b>\$160</b>	<b>\$40</b>	<b>\$160</b>	<b>\$40</b>	<b>\$844</b>
<b>Total</b>	<b>\$345</b>	<b>\$87</b>	<b>\$320</b>	<b>\$80</b>	<b>\$320</b>	<b>\$80</b>	<b>\$320</b>	<b>\$80</b>	<b>\$1,632</b>

### Ridesharing - Baltimore Region

<b>TIP ID</b>	40-9901-01	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	MTA - Transit	<b>Project Type</b>	Ridesharing
<b>Project Category</b>	Emission Reduction Strategy	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	Multiple	<b>Est. Total Cost</b>	\$2,844,000

**Description:**

The ridesharing project covers the activities of the ridesharing program in all jurisdictions in the Baltimore region, including the Guaranteed Ride Home (GRH) Program. Entities eligible to receive funding include Baltimore City, the Baltimore Metropolitan Council, and Anne Arundel, Howard, and Harford counties.

**Justification:**

The Maryland Ridesharing Program promotes the use of alternatives to the single occupant vehicle through mass transit, carpools, and vanpools with financial assistance under the Rideshare/Commuter Assistance Program. Funding is provided to eligible entities to assist with the promotion and management of their Rideshare Program.

**Connection to Long-Range Transportation Planning Goals:**

- 3.A Improve Accessibility -- Increase transportation alternatives for all segments of the population.
- 5.A Conserve and Enhance the Environment -- Provide alternatives to single-occupant passenger vehicles / apply emission reduction technologies.
- 5.D Conserve and Enhance the Environment -- Reduce greenhouse gas emissions in accordance with state and local sustainability and climate change plans.





**Ridesharing - Baltimore Region**

(Funding in Thousands)

**Congestion Mitigation and Air Quality**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$711	\$0	\$711	\$0	\$711	\$0	\$711	\$0	\$2,844
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$711</b>	<b>\$0</b>	<b>\$711</b>	<b>\$0</b>	<b>\$711</b>	<b>\$0</b>	<b>\$711</b>	<b>\$0</b>	<b>\$2,844</b>
<b>Total</b>	<b>\$711</b>	<b>\$0</b>	<b>\$711</b>	<b>\$0</b>	<b>\$711</b>	<b>\$0</b>	<b>\$711</b>	<b>\$0</b>	<b>\$2,844</b>

### Small Urban Transit Systems - Operating Assistance

<b>TIP ID</b>	40-0104-61	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	MTA - Transit	<b>Project Type</b>	Operating assistance
<b>Project Category</b>	Transit Preservation	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	NA	<b>Est. Total Cost</b>	\$2,608,000

**Description:**

This project provides operating assistance to small urban transit systems throughout the Baltimore region. Transit agencies eligible for funding include Carroll Transit System.

Costs generally associated with operating assistance can include utilities, miscellaneous equipment, fuel/oil, and driver, maintenance staff, and administrative salaries.

**Justification:**

Small urban transit operating assistance will enable transportation systems to finance the operation of their services.

**Connection to Long-Range Transportation Planning Goals:**

3.A Improve Accessibility -- Increase transportation alternatives for all segments of the population.  
 5.A Conserve and Enhance the Environment -- Provide alternatives to single-occupant passenger vehicles / apply emission reduction technologies.





Small Urban Transit Systems - Operating Assistance

(Funding in Thousands)

Section 5307 Urbanized Area Formula Program (funding for operating projects)

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$326	\$326	\$326	\$326	\$326	\$326	\$326	\$326	\$2,608
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$326</b>	<b>\$326</b>	<b>\$326</b>	<b>\$326</b>	<b>\$326</b>	<b>\$326</b>	<b>\$326</b>	<b>\$326</b>	<b>\$2,608</b>
<b>Total</b>	<b>\$326</b>	<b>\$326</b>	<b>\$326</b>	<b>\$326</b>	<b>\$326</b>	<b>\$326</b>	<b>\$326</b>	<b>\$326</b>	<b>\$2,608</b>

### Kirk Bus Facility Replacement - Phase 1 & 2

<b>TIP ID</b>	40-1203-65	<b>Year of Operation</b>	2020
<b>Agency</b>	MTA - Transit	<b>Project Type</b>	Rehabilitation of facilities
<b>Project Category</b>	Transit Preservation	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	0705	<b>Est. Total Cost</b>	\$153,000,000

**Description:**

Approximately 163 buses are stored, operated and maintained at the Kirk Division Bus Facility. Operations include preventive bus maintenance, inspections, heavy repairs, fueling, washing, administration, operator support facilities and dispatching. Phase I is the construction of a 100,000 square foot state-of-the-art, sustainable design, energy-efficient/green technology building that will house maintenance work to be performed in an enclosed environment, thereby enabling MTA to better control noise, exhaust fumes and visibility of the buses to the surrounding community. Phase II is the construction of a similar building to store buses overnight. Phase 1 completed; Phase 2 year of completion - July 2020 (FY 2021). Note: In addition to the matching funds listed, MTA has committed \$36.1 million in state dollars.

**Justification:**

The current facility supports 14 bus routes operating in Baltimore City and Baltimore County. It was built over 65 years ago and cannot accommodate MTA's modern fleet or hybrid and articulated buses. A new facility is required to ensure efficient transit traffic and parking. MTA has worked with the community for many years to develop a plan to modernize the Kirk Bus Facility.



**Connection to Long-Range Transportation Planning Goals:**

- 2.E Improve and Maintain the Existing Infrastructure -- Improve the condition of transit infrastructure and stations/stops.
- 5.D Conserve and Enhance the Environment -- Reduce greenhouse gas emissions in accordance with state and local sustainability and climate change plans.



**Kirk Bus Facility Replacement - Phase 1 & 2**

(Funding in Thousands)

**Section 5307 Urbanized Area Formula Program (funding for capital projects)**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$12,016	\$3,004	\$0	\$0	\$0	\$0	\$0	\$0	\$15,020
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$12,016</b>	<b>\$3,004</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,020</b>

**Section 5339 (Bus and Bus Facilities Formula Program)**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$2,577	\$644	\$0	\$0	\$0	\$0	\$0	\$0	\$3,221
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$2,577</b>	<b>\$644</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,221</b>
<b>Total</b>	<b>\$14,593</b>	<b>\$3,648</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,241</b>



### Bus and Rail Preventive Maintenance

<b>TIP ID</b>	40-1204-64	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	MTA - Transit	<b>Project Type</b>	Preservation and improvements
<b>Project Category</b>	Transit Preservation	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	NA	<b>Est. Total Cost</b>	\$195,520,000

**Description:**

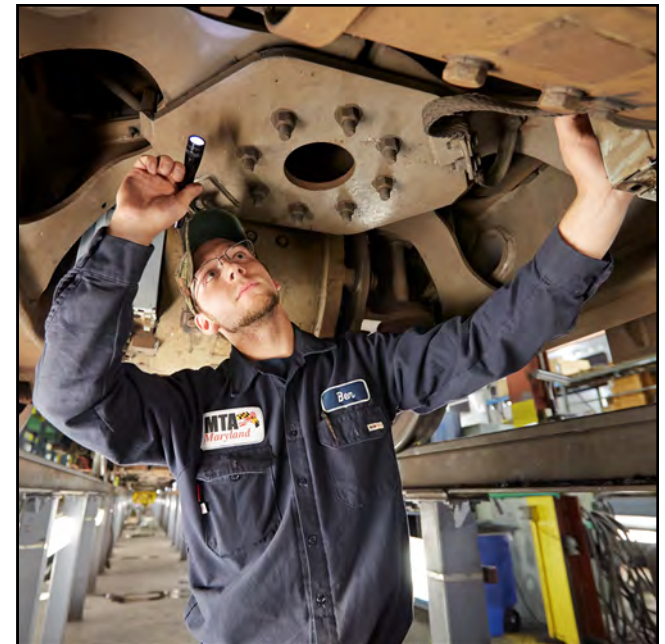
Provides preventative maintenance on the Bus, Light Rail and Metro systems to improve safety, reliability and passenger comfort.

**Justification:**

Regular preventive maintenance on the transit system will allow MTA to provide safe and reliable service. Proper maintenance extends the useful life of transit vehicles.

**Connection to Long-Range Transportation Planning Goals:**

- 1.C Improve System Safety -- Eliminate hazardous or substandard conditions.
- 2.C Improve and Maintain the Existing Infrastructure -- Maintain/replace transit vehicles.
- 6.A Improve System Security -- Provide security-related features at transit facilities or on transit vehicles.





**Bus and Rail Preventive Maintenance**

(Funding in Thousands)

**Section 5307 Urbanized Area Formula Program (funding for capital projects)**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$16,498	\$4,125	\$16,046	\$4,012	\$15,585	\$3,896	\$15,115	\$3,779	\$79,056
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$16,498</b>	<b>\$4,125</b>	<b>\$16,046</b>	<b>\$4,012</b>	<b>\$15,585</b>	<b>\$3,896</b>	<b>\$15,115</b>	<b>\$3,779</b>	<b>\$79,056</b>

**Section 5337 (State of Good Repair Formula Program)**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$22,605	\$5,651	\$23,058	\$5,765	\$23,519	\$5,880	\$23,989	\$5,997	\$116,464
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$22,605</b>	<b>\$5,651</b>	<b>\$23,058</b>	<b>\$5,765</b>	<b>\$23,519</b>	<b>\$5,880</b>	<b>\$23,989</b>	<b>\$5,997</b>	<b>\$116,464</b>
<b>Total</b>	<b>\$39,103</b>	<b>\$9,776</b>	<b>\$39,104</b>	<b>\$9,777</b>	<b>\$39,104</b>	<b>\$9,776</b>	<b>\$39,104</b>	<b>\$9,776</b>	<b>\$195,520</b>

**Seniors and Individuals with Disabilities**

<b>TIP ID</b>	40-1502-69	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	MTA - Transit	<b>Project Type</b>	Other
<b>Project Category</b>	Transit Preservation	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	N/A	<b>Est. Total Cost</b>	\$9,360,000

**Description:**

This project provides capital and operating assistance to non-profit agencies who provide transportation services for the elderly and individuals with disabilities. Non-profit recipients are determined through a competitive selection process and based upon the Baltimore Area Coordinated Public Transit - Human Services Transportation Plan.

**Justification:**

This program is intended to enhance mobility for seniors and individuals with disabilities by providing capital and operating funds for programs to serve the special needs of transit-dependent populations beyond traditional public transportation services and ADA complementary paratransit services.

**Connection to Long-Range Transportation Planning Goals:**

- 3.B Improve Accessibility -- Improve ADA-related conditions for pedestrians / transit riders.
- 3.F Improve Accessibility -- Apply strategies from the Coordinated Public Transit – Human Services Transportation Plan.





Seniors and Individuals with Disabilities

(Funding in Thousands)

Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$3,370	\$1,310	\$0	\$0	\$3,370	\$1,310	\$0	\$0	\$9,360
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$3,370</b>	<b>\$1,310</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,370</b>	<b>\$1,310</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,360</b>
<b>Total</b>	<b>\$3,370</b>	<b>\$1,310</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,370</b>	<b>\$1,310</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,360</b>

### Urban Transit Systems - Operating Assistance

<b>TIP ID</b>	40-1603-61	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	MTA - Transit	<b>Project Type</b>	Operating assistance
<b>Project Category</b>	Transit Preservation	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	N/A	<b>Est. Total Cost</b>	\$16,912,000

**Description:**

This project provides operating assistance to urban transit systems throughout the Aberdeen/Bel Air North/Bel Air South urbanized area. Transit agencies eligible for funding include Harford County.

Costs generally associated with operating assistance can include utilities, miscellaneous equipment, fuel/oil, and driver, maintenance staff, and administrative salaries.

**Justification:**

Urban transit operating assistance will enable transportation systems to finance the operation of their services.

**Connection to Long-Range Transportation Planning Goals:**

3.A Improve Accessibility -- Increase transportation alternatives for all segments of the population.  
 5.A Conserve and Enhance the Environment -- Provide alternatives to single-occupant passenger vehicles / apply emission reduction technologies.





Urban Transit Systems - Operating Assistance

(Funding in Thousands)

Section 5307 Urbanized Area Formula Program (funding for operating projects)

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$2,114	\$2,114	\$2,114	\$2,114	\$2,114	\$2,114	\$2,114	\$2,114	\$16,912
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$2,114</b>	<b>\$2,114</b>	<b>\$2,114</b>	<b>\$2,114</b>	<b>\$2,114</b>	<b>\$2,114</b>	<b>\$2,114</b>	<b>\$2,114</b>	<b>\$16,912</b>
<b>Total</b>	<b>\$2,114</b>	<b>\$2,114</b>	<b>\$2,114</b>	<b>\$2,114</b>	<b>\$2,114</b>	<b>\$2,114</b>	<b>\$2,114</b>	<b>\$2,114</b>	<b>\$16,912</b>

### Agencywide System Preservation and Improvement

<b>TIP ID</b>	40-1801-64	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	MTA - Transit	<b>Project Type</b>	Preservation and improvements
<b>Project Category</b>	Transit Preservation	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	Multiple	<b>Est. Total Cost</b>	\$41,890,000

**Description:**

This is an ongoing project to rehabilitate agency-wide facilities, systems, and infrastructure, including roofing, bridge and subway inspection, a system network migration and upgrade, system-wide elevators and escalators, and an upgrade to the fare collection system software.

In addition to the matching funds listed, MDOT MTA has committed \$100 million in state dollars.

**Justification:**

The associated projects support regional management and operation initiatives to improve service, safety, and assure the preservation of infrastructure agency-wide.

**Connection to Long-Range Transportation Planning Goals:**

- 1.B Improve System Safety -- Apply safety-related management and operations techniques.
- 2.E Improve and Maintain the Existing Infrastructure -- Improve the condition of transit infrastructure and stations/stops.





**Agencywide System Preservation and Improvement**

(Funding in Thousands)

**Section 5307 Urbanized Area Formula Program (funding for capital projects)**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$15,154	\$3,789	\$5,013	\$1,253	\$13,345	\$3,336	\$0	\$0	\$41,890
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$15,154</b>	<b>\$3,789</b>	<b>\$5,013</b>	<b>\$1,253</b>	<b>\$13,345</b>	<b>\$3,336</b>	<b>\$0</b>	<b>\$0</b>	<b>\$41,890</b>
<b>Total</b>	<b>\$15,154</b>	<b>\$3,789</b>	<b>\$5,013</b>	<b>\$1,253</b>	<b>\$13,345</b>	<b>\$3,336</b>	<b>\$0</b>	<b>\$0</b>	<b>\$41,890</b>



### Bus System Preservation and Improvement

<b>TIP ID</b>	40-1803-64	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	MTA - Transit	<b>Project Type</b>	Preservation and improvements
<b>Project Category</b>	Transit Preservation	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	Multiple	<b>Est. Total Cost</b>	\$4,500,000

**Description:**

This is an ongoing project to rehabilitate bus facilities and infrastructure, including operating division and MTA offices. Projects included are the replacement of historic gable windows at Bush Division and a paint booth at Washington Boulevard.

In addition to the matching funds listed, MTA has committed \$6.3 million in state dollars.

**Justification:**

The associated projects support regional management and operation initiatives to improve service, safety, and the preservation of the bus system.

**Connection to Long-Range Transportation Planning Goals:**

2.E Improve and Maintain the Existing Infrastructure -- Improve the condition of transit infrastructure and stations/stops.





Bus System Preservation and Improvement

(Funding in Thousands)

Section 5307 Flex (STBG funds flexed to Section 5307)

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$1,200	\$300	\$0	\$0	\$0	\$0	\$1,500
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,200</b>	<b>\$300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,500</b>



Bus System Preservation and Improvement

(Funding in Thousands)

Section 5339 (Bus and Bus Facilities Formula Program)

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$2,400	\$600	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$2,400</b>	<b>\$600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,000</b>
<b>Total</b>	<b>\$2,400</b>	<b>\$600</b>	<b>\$1,200</b>	<b>\$300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,500</b>

### Metro and Light Rail Rolling Stock Overhauls and Replacement

<b>TIP ID</b>	40-1804-63	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	MTA - Transit	<b>Project Type</b>	Fleet improvement
<b>Project Category</b>	Transit Preservation	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	Multiple	<b>Est. Total Cost</b>	\$285,915,000

**Description:**

The Metro Railcar fleet consists of 90 cars that have surpassed the 30-year design life. Replacement of the railcar fleet will provide passengers with enhanced comfort, conveniences, and ensure improved reliability. This project began September 2019, with completion anticipated May 2024. The Light Rail vehicle fleet requires the design of maintenance objectives to perform a 15-year inspection of the major and sub-assemblies of the original 53-vehicle fleet. The inspections will identify all obsolete parts issues needed to overhaul the major and sub-assemblies according to manufacturer recommendations and facilitate any modifications deemed necessary by engineering or OEM for 15-year maintenance. The first vehicles were placed back in service in 2015, and the last vehicle will be placed back in service in 2022. In addition to the matching funds listed, MTA has committed \$131 million in state dollars.

**Justification:**

The replacement of Metro vehicles and the Signaling System with modern and reliable equipment will enhance passenger comfort, ensure better reliability and offer improved safety. The MTA's Metro Signaling System consists of a double tracked train controlled signaling system that is 15 miles long. The Metro train control system was installed in three phases and the oldest section is currently 30 yrs old. The Automatic Train Protection system is currently experiencing reliability issues due to its age and parts obsolescence thus increasing maintainability issues across its various systems and sub-systems. The replacement of the Signaling System with modern, reliable equipment will enhance passenger comfort, ensure better reliability and offer improved safety. Light rail fleet overhaul is designed to reduce system failures and improve reliability and service.

**Connection to Long-Range Transportation Planning Goals:**

- 1.C Improve System Safety -- Eliminate hazardous or substandard conditions.
- 2.C Improve and Maintain the Existing Infrastructure -- Maintain/replace transit vehicles.
- 6.A Improve System Security -- Provide security-related features at transit facilities or on transit vehicles.





Metro and Light Rail Rolling Stock Overhauls and Replacement

(Funding in Thousands)

Section 5307 Urbanized Area Formula Program (funding for capital projects)

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$47,852	\$11,963	\$101,778	\$25,445	\$31,037	\$7,759	\$0	\$0	\$225,834
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$47,852</b>	<b>\$11,963</b>	<b>\$101,778</b>	<b>\$25,445</b>	<b>\$31,037</b>	<b>\$7,759</b>	<b>\$0</b>	<b>\$0</b>	<b>\$225,834</b>



**Metro and Light Rail Rolling Stock Overhauls and Replacement**

(Funding in Thousands)

**Section 5307 Flex (STBG funds flexed to Section 5307)**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$30,577	\$7,644	\$0	\$0	\$0	\$0	\$0	\$0	\$38,221
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$30,577</b>	<b>\$7,644</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$38,221</b>

**Congestion Mitigation and Air Quality**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$8,272	\$2,068	\$9,216	\$2,304	\$21,860
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,272</b>	<b>\$2,068</b>	<b>\$9,216</b>	<b>\$2,304</b>	<b>\$21,860</b>
<b>Total</b>	<b>\$78,429</b>	<b>\$19,607</b>	<b>\$101,778</b>	<b>\$25,445</b>	<b>\$39,309</b>	<b>\$9,827</b>	<b>\$9,216</b>	<b>\$2,304</b>	<b>\$285,915</b>

### Metro and Light Rail System Preservation and Improvement

<b>TIP ID</b>	40-1805-64	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	MTA - Transit	<b>Project Type</b>	Preservation and improvements
<b>Project Category</b>	Transit Preservation	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	Multiple	<b>Est. Total Cost</b>	\$80,392,000

**Description:**

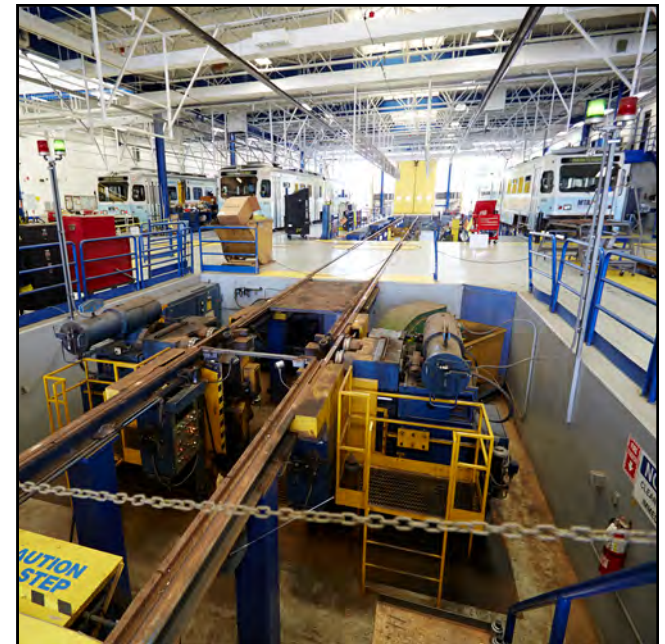
This is an ongoing project to rehabilitate Light Rail and Metro facilities, infrastructure, track, and equipment, including replacing interlockings, repairing tunnel liners and doors, and the design and installation of new fiber optic cables. In addition to the matching funds listed, MTA has committed \$182.7 million in state dollars.

**Justification:**

The associated projects support regional management and operation initiatives to improve service and safety and assure the preservation of the Light Rail and Metro systems.

**Connection to Long-Range Transportation Planning Goals:**

- 1.C Improve System Safety -- Eliminate hazardous or substandard conditions.
- 2.E Improve and Maintain the Existing Infrastructure -- Improve the condition of transit infrastructure and stations/stops.





**Metro and Light Rail System Preservation and Improvement**

(Funding in Thousands)

**Section 5307 Urbanized Area Formula Program (funding for capital projects)**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$35,560	\$8,890	\$10,022	\$2,506	\$18,731	\$4,683	\$0	\$0	\$80,392
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$35,560</b>	<b>\$8,890</b>	<b>\$10,022</b>	<b>\$2,506</b>	<b>\$18,731</b>	<b>\$4,683</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80,392</b>
<b>Total</b>	<b>\$35,560</b>	<b>\$8,890</b>	<b>\$10,022</b>	<b>\$2,506</b>	<b>\$18,731</b>	<b>\$4,683</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80,392</b>



### Rural Transit Systems - Operating Assistance

<b>TIP ID</b>	40-9204-61	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	MTA - Transit	<b>Project Type</b>	Operating assistance
<b>Project Category</b>	Transit Preservation	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	None	<b>Est. Total Cost</b>	\$1,904,000

**Description:**

Operating assistance to transit systems located in the Baltimore region. Transit agencies eligible for funding include Baltimore County (Baltimore County Office of Aging) and Carroll Transit System.

Costs generally associated with operating assistance can include utilities, miscellaneous equipment, fuel/oil, and driver, maintenance staff, and administrative salaries.

**Justification:**

Rural transit operating assistance will enable transportation systems to finance the operation of their services.

**Connection to Long-Range Transportation Planning Goals:**

3.A Improve Accessibility -- Increase transportation alternatives for all segments of the population.  
 5.A Conserve and Enhance the Environment -- Provide alternatives to single-occupant passenger vehicles / apply emission reduction technologies.





Rural Transit Systems - Operating Assistance

(Funding in Thousands)

Section 5311 Nonurbanized Area Formula Program (funding for operating assistance in non-urbanized areas)

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$238	\$238	\$238	\$238	\$238	\$238	\$238	\$238	\$1,904
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$238</b>	<b>\$238</b>	<b>\$238</b>	<b>\$238</b>	<b>\$238</b>	<b>\$238</b>	<b>\$238</b>	<b>\$238</b>	<b>\$1,904</b>
<b>Total</b>	<b>\$238</b>	<b>\$238</b>	<b>\$238</b>	<b>\$238</b>	<b>\$238</b>	<b>\$238</b>	<b>\$238</b>	<b>\$238</b>	<b>\$1,904</b>

### Towson Circulator

<b>TIP ID</b>	43-2101-67	<b>Year of Operation</b>	2021
<b>Agency</b>	MTA - Transit	<b>Project Type</b>	Transit capacity expansion
<b>Project Category</b>	Transit Capacity	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Not Exempt	<b>Physical Data</b>	
<b>CIP or CTP ID(s)</b>	1601	<b>Est. Total Cost</b>	\$2,065,000

**Description:**

The Towson Circulator will provide vehicles for a new fixed route service that serves the geographic areas bounded by Charles Street, I-695, Loch Raven Boulevard, and the Baltimore County/Baltimore City boundary. Additionally, funding will be used to provide bus stop signage and project management.

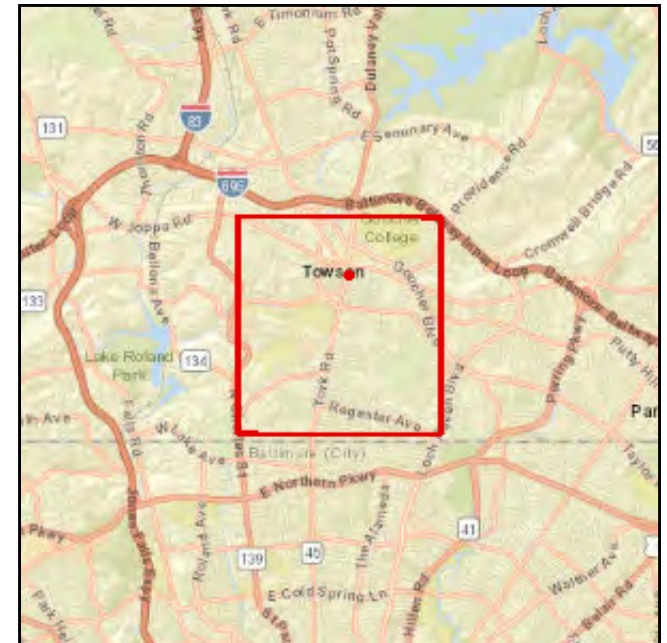
Baltimore County will operate the Towson Circulator.

**Justification:**

This project will increase reliability, access, and mobility to a service area that encompasses two universities (Towson University and Goucher College) and three hospital facilities (Greater Baltimore Medical Center, Sheppard Pratt Health Systems, and St. Joseph Medical Center). The Towson Circulator will promote transit usage in a densely populated region.

**Connection to Long-Range Transportation Planning Goals:**

- 3.A Improve Accessibility -- Increase transportation alternatives for all segments of the population.
- 4.C Increase Mobility -- Expand transit service coverage / hours of operation.
- 5.A Conserve and Enhance the Environment -- Provide alternatives to single-occupant passenger vehicles / apply emission reduction technologies.





### Towson Circulator

(Funding in Thousands)

#### Section 5339 (Bus and Bus Facilities Discretionary Grant)

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$1,652	\$413	\$0	\$0	\$0	\$0	\$0	\$0	\$2,065
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$1,652</b>	<b>\$413</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,065</b>
<b>Total</b>	<b>\$1,652</b>	<b>\$413</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,065</b>

### MARC Rolling Stock Overhauls and Replacement

<b>TIP ID</b>	70-1501-53	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	MTA - Commuter Rail	<b>Project Type</b>	Fleet improvement
<b>Project Category</b>	Commuter Rail Preservation	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	Multiple	<b>Est. Total Cost</b>	\$45,258,000

**Description:**

This is an ongoing project for the overhaul and replacement of MARC rolling stock. The overhaul of MARC coaches and locomotives is performed in accordance with "10-year minor" and "20-year midlife" schedules and/or the manufacturer's schedule. MARC vehicles will be upgraded with federally-mandated Positive Train Control safety features.

In addition to the matching funds listed, MTA has committed \$11.1 million in state dollars.

**Justification:**

Overhauls will extend the life of mechanical systems and car bodies. This will have the effect of providing safe and reliable vehicles for MARC service while also complying with federally mandated maintenance regulations.

**Connection to Long-Range Transportation Planning Goals:**

- 1.C Improve System Safety -- Eliminate hazardous or substandard conditions.
- 2.C Improve and Maintain the Existing Infrastructure -- Maintain/replace transit vehicles.
- 6.A Improve System Security -- Provide security-related features at transit facilities or on transit vehicles.





**MARC Rolling Stock Overhauls and Replacement**

(Funding in Thousands)

**Section 5307 Urbanized Area Formula Program (funding for capital projects)**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$1,000	\$250	\$0	\$0	\$500	\$125	\$1,875
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000</b>	<b>\$250</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500</b>	<b>\$125</b>	<b>\$1,875</b>

**Section 5337 (State of Good Repair Formula Program)**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$11,543	\$2,886	\$4,696	\$1,174	\$13,547	\$3,387	\$4,920	\$1,230	\$43,383
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$11,543</b>	<b>\$2,886</b>	<b>\$4,696</b>	<b>\$1,174</b>	<b>\$13,547</b>	<b>\$3,387</b>	<b>\$4,920</b>	<b>\$1,230</b>	<b>\$43,383</b>
<b>Total</b>	<b>\$11,543</b>	<b>\$2,886</b>	<b>\$5,696</b>	<b>\$1,424</b>	<b>\$13,547</b>	<b>\$3,387</b>	<b>\$5,420</b>	<b>\$1,355</b>	<b>\$45,258</b>

### MARC Improvements

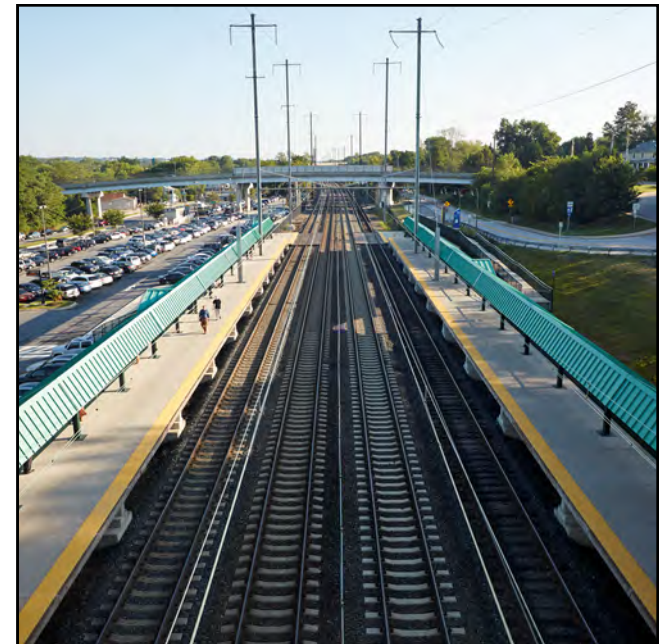
<b>TIP ID</b>	70-1502-54	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	MTA - Commuter Rail	<b>Project Type</b>	Preservation and improvements
<b>Project Category</b>	Commuter Rail Preservation	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	Multiple	<b>Est. Total Cost</b>	\$93,071,000

**Description:**

This project provides funding to implement ongoing improvements derived from the MARC Master Plan and Amtrak/CSX Operating Agreements. Projects include: improvements to the Penn line; improvements to the Brunswick and Camden lines; system-wide parking lot improvements; the design, procurement, and installation of an ADA compliant public address system at all MARC stations on the Brunswick, Camden, and Penn lines; installation of an audio/visual warning system for approaching MARC trains; uninterruptible power supply and lighting protections; the design and construction of a new Martin Airport station on the MARC Penn Line; and the collaborative cost-sharing arrangement to advance development of the Northeast corridor infrastructure. In addition to the matching funds listed, MTA has committed \$25.2 million in state dollars.

**Justification:**

Investments in passenger rail corridor infrastructure improvements are necessary to maintain/improve the safety and quality of MARC infrastructure.



**Connection to Long-Range Transportation Planning Goals:**

- 1.C Improve System Safety -- Eliminate hazardous or substandard conditions.
- 2.E Improve and Maintain the Existing Infrastructure -- Improve the condition of transit infrastructure and stations/stops.
- 3.G Improve Accessibility -- Improve system connectivity and continuity among modes and across boundaries.



**MARC Improvements**

(Funding in Thousands)

**Section 5307 Urbanized Area Formula Program (funding for capital projects)**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$1,894	\$474	\$2,561	\$640	\$2,904	\$726	\$3,583	\$896	\$13,678
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$1,894</b>	<b>\$474</b>	<b>\$2,561</b>	<b>\$640</b>	<b>\$2,904</b>	<b>\$726</b>	<b>\$3,583</b>	<b>\$896</b>	<b>\$13,678</b>

**Section 5337 (State of Good Repair Formula Program)**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$15,901	\$3,975	\$19,525	\$4,881	\$9,501	\$2,375	\$18,588	\$4,647	\$79,393
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$15,901</b>	<b>\$3,975</b>	<b>\$19,525</b>	<b>\$4,881</b>	<b>\$9,501</b>	<b>\$2,375</b>	<b>\$18,588</b>	<b>\$4,647</b>	<b>\$79,393</b>
<b>Total</b>	<b>\$17,795</b>	<b>\$4,449</b>	<b>\$22,086</b>	<b>\$5,521</b>	<b>\$12,405</b>	<b>\$3,101</b>	<b>\$22,171</b>	<b>\$5,543</b>	<b>\$93,071</b>



### MARC Facilities

<b>TIP ID</b>	70-1503-55	<b>Year of Operation</b>	Ongoing
<b>Agency</b>	MTA - Commuter Rail	<b>Project Type</b>	Rehabilitation of facilities
<b>Project Category</b>	Commuter Rail Preservation	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>CIP or CTP ID(s)</b>	Multiple	<b>Est. Total Cost</b>	\$94,828,000

**Description:**

- 1) Procure Riverside Maintenance Facility: CSX has offered to sell this facility to MTA. Maintenance activities for equipment on the MARC Camden Line would then be under direct control of MARC. MTA and CSX are jointly working with MDE to remediate hazardous material contamination at this site.
- 2) MARC Martin State Airport: Purchase private property and construct two additional storage tracks.
- 3) MARC BWI Garage Facility: Identify and prioritize needed repairs for design and construction.
- 4) Riverside Heavy Maintenance Facility: Construction of a building with maintenance slots for locomotives.

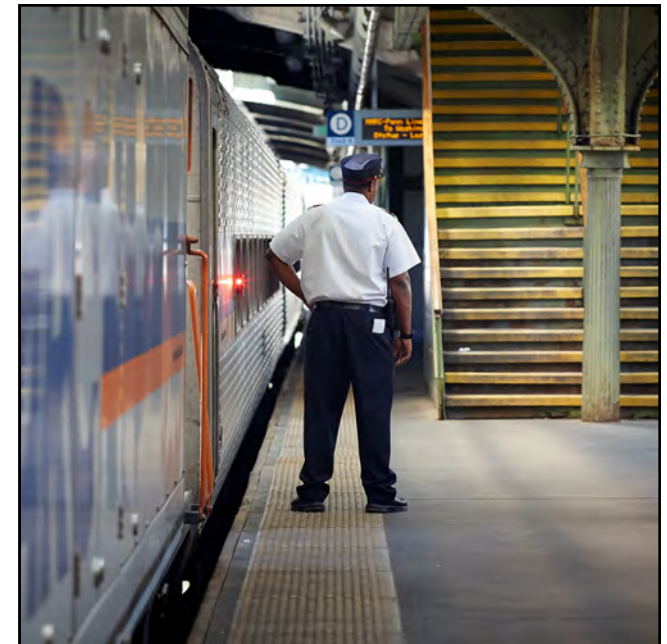
In addition to the matching funds listed, MTA has committed \$5 million in state dollars.

**Justification:**

- 1 and 2) Space is needed in the Baltimore region for MARC train maintenance and storage.
- 3) Repairs will extend the useful life of the garages and support continued ridership on the MARC system from this location.
- 4) The building will provide four new maintenance slots for locomotives undergoing heavy maintenance and repair. This will free up maintenance slots in the main shop building for preventative maintenance and federally required periodic inspections.

**Connection to Long-Range Transportation Planning Goals:**

- 1.C Improve System Safety -- Eliminate hazardous or substandard conditions.
- 2.E Improve and Maintain the Existing Infrastructure -- Improve the condition of transit infrastructure and stations/stops.
- 3.B Improve Accessibility -- Improve ADA-related conditions for pedestrians / transit riders.





**MARC Facilities**

(Funding in Thousands)

**Section 5337 (State of Good Repair Formula Program)**

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	\$29,923	\$7,481	\$41,237	\$10,309	\$1,043	\$261	\$0	\$0	\$90,254
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$2,062	\$516	\$1,597	\$399	\$0	\$0	\$0	\$0	\$4,574
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$31,985</b>	<b>\$7,997</b>	<b>\$42,834</b>	<b>\$10,708</b>	<b>\$1,043</b>	<b>\$261</b>	<b>\$0</b>	<b>\$0</b>	<b>\$94,828</b>
<b>Total</b>	<b>\$31,985</b>	<b>\$7,997</b>	<b>\$42,834</b>	<b>\$10,708</b>	<b>\$1,043</b>	<b>\$261</b>	<b>\$0</b>	<b>\$0</b>	<b>\$94,828</b>