

Baltimore Region FY 2016-2019 Transportation Improvement Program (TIP)

AMENDMENT

Tuesday, July 26



MARC Amendments

MTA - Transit

- MARC Improvements
- MARC Facilities
- MARC Rolling Stock Overhauls and Replacement



MARC Improvements

- **MARC Joint Benefit – Amtrak**

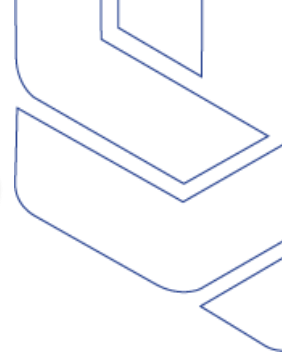
- Completes infrastructure rehabs, upgrades and improvements along the Penn Line such as:
 - BWI – Design a New Passenger Information Display System - Estimated completion date: 9/2018
 - B&P Lighting Slab Improvements

- **MARC Joint Benefit – CSX**

- Completes infrastructure rehabs, upgrades and improvements along the Camden and Brunswick Lines such as:
 - Jessup Yard – Upgrades and Expansion
 - Switch Heater Replacement



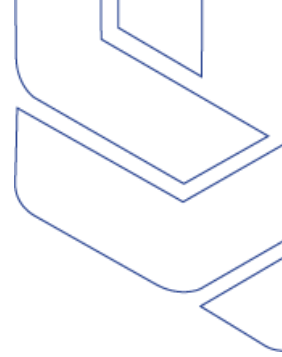
MARC Improvements *(cont.)*



- **MARC Parking Lot Preservation Fund**
 - Project for MARC system-wide parking lot improvements including repaving, restriping, lighting, landscaping, and minor construction
 - Halethorpe – currently in design



MARC Facilities



- **Martin State Airport**

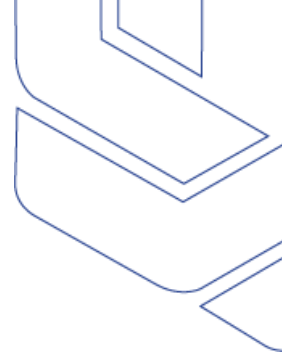
- This project includes the purchase of property and construction of two additional storage tracks.
- Estimated completion date: 9/2018

- **West Baltimore New Station Phase I**

- This project includes improvements to the West Baltimore Station including: new low level platforms, dual elevators for north and south bound station access, and improved security measures.
- Begin final design: TBD



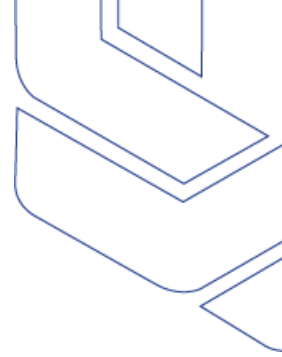
MARC Facilities *(cont.)*



- **Riverside Maintenance Facility**
 - The purchase and environmental remediation of the Riverside Maintenance Facility from CSX.



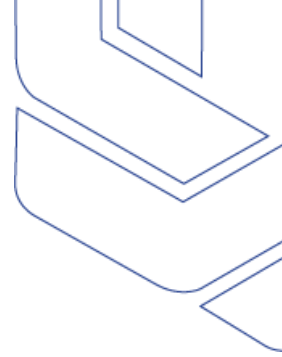
MARC Facilities *(cont.)*



- **BWI Garage Repairs & Improvements**
 - Comprehensive structural inspection of BWI Garages #1 and #2, with construction of recommended structural repairs
 - Also includes minor repairs such as new canopies and the addition of a new pedestrian bridge connecting the 3rd floor of the garage to the existing pedestrian bridge over the tracks.



MARC Rolling Stock Overhauls and Replacement

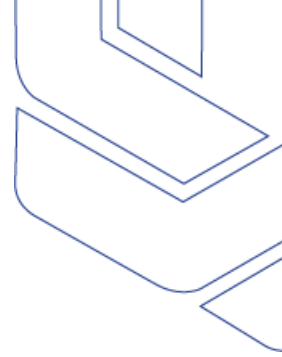


- **MARC III Coaches Overhaul**

- Project provides for overhaul of 63 MARC Kawasaki multi-level vehicles. These vehicles were originally built in 1999.
- Milestones:
 - Delivery of first overhauled car: 4/2017
 - Final car delivery: 11/2018
 - Complete: 10/2020

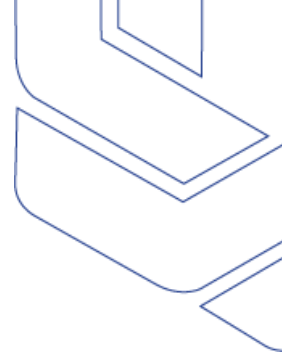


MARC Rolling Stock Overhauls and Replacement *(cont.)*



- **MARC Positive Train Control**
 - Support implementation and development of Positive Train Control (PTC) for MARC as mandated by the Code of Federal Regulations (CFR) 49CFR236.
 - Milestones:
 - All Installations estimated completion: 12/31/2017

MARC Rolling Stock Overhauls and Replacement *(cont.)*



- **MARC Diesel Locomotive Procurement**

- Procurement of 8 125-mph capable diesel locomotives to support operational needs and retirement.
- Milestones:
 - First Locomotive - 6/2017
 - Last Locomotive - 11/2017
 - Contract complete - 11/2019



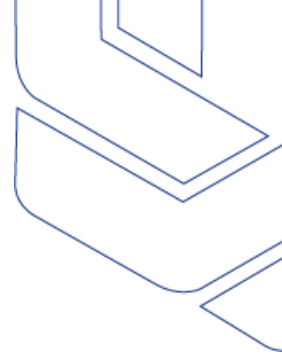
MARC Rolling Stock Overhauls and Replacement *(cont.)*

- **MARC GP-39 Repower**

- The project will repower 6 MARC GP-39 Diesel Locomotives to reduce emissions and lower fuel costs.



MARC Rolling Stock Overhauls and Replacement *(cont.)*



- **MARC IIA OVERHAUL**

- Overhaul of 26 MARC IIA vehicles originally built in 1985 and remanufactured in 1995.



Inner Harbor Water Taxi Terminal

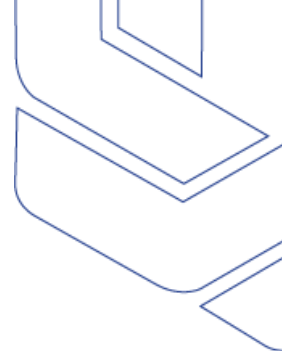


Inner Harbor Water Taxi Terminal

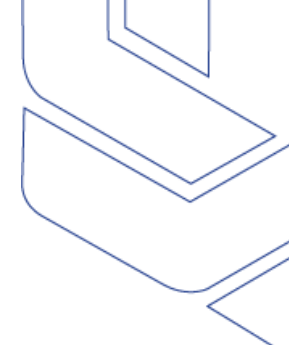
- This project is a part of the Baltimore City Department of Transportation's Long-Range Transportation Planning Goal of Improving and Maintaining the Existing Infrastructure, and Improving Accessibility (ADA for Pedestrian and Transit Riders).
- The project is for the replacement of the existing two-story visitor's center:
 - 1) The new building will serve as the Baltimore Water Taxi Terminal, housing the water taxi sales terminal and providing a climate controlled waiting area for water taxi patrons
 - 2) Provide access to the USS Constellation
 - 3) Proposed Improvements include: a new 5,000 square foot building with an extensive green roof and terrace, new entry plaza, ADA accessibility and service utility connections to the existing utilities located below Pier 1.
- The TIP amendment adds a project to the 2016-2019 TIP utilizing Section 1702 High Priority Project funds. The project allocates construction funds in FY 2016 totaling \$2.3 million
**(\$1.84 million – Federal Funds; \$460,000 – Local Matching Funds)*



Inner Harbor Water Taxi Terminal



Inner Harbor Water Taxi Terminal



- This amendment proposes to add this project to the 2016-2019 TIP with the following funds:

Section 1702 High Priority Project

Phase	FY 2016 Federal Funds	FY 2016 Matching Funds	FY 2017 Federal Funds	FY 2017 Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	Total Four-Year Funding Request
CON	\$1,840	\$460	\$0	\$0	\$0	\$0	\$0	\$0	\$2,300
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$1,840	\$460	\$0	\$0	\$0	\$0	\$0	\$0	\$2,300
Total	\$1,840	\$460	\$0	\$0	\$0	\$0	\$0	\$0	\$2,300

Inner Harbor Water Taxi Terminal



Inner Harbor Water Taxi Terminal

