Baltimore Region FY 2017-2020 Transportation Improvement Program (TIP)

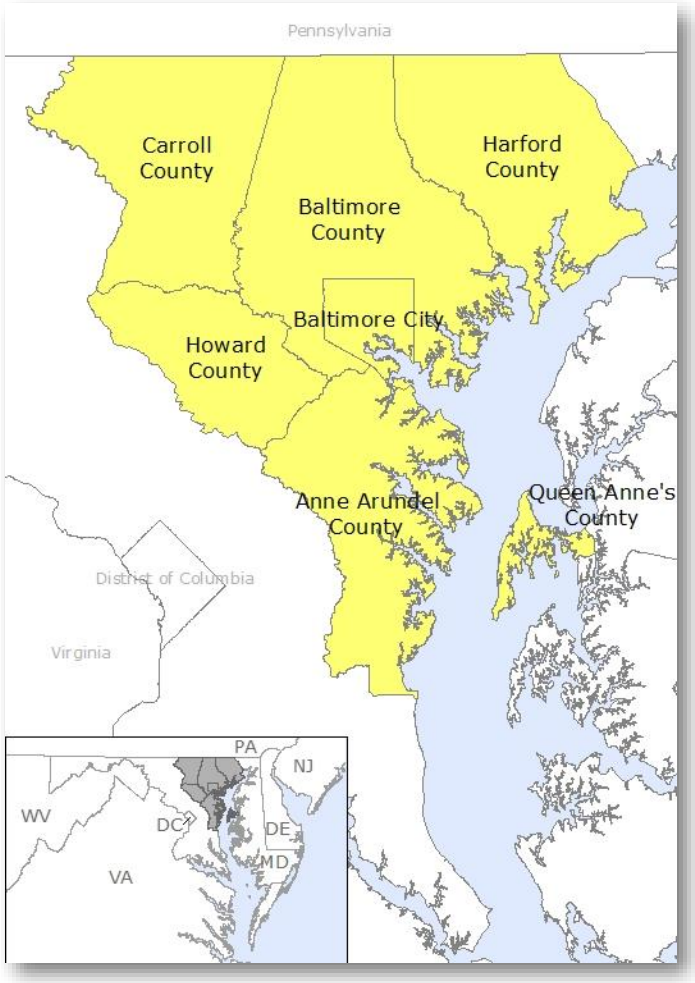
AMENDMENT

Baltimore Regional Transportation Board

February 1, 2017

Who We Are

- BMC - Organization of Region's Elected Executives.
- BRTB - Baltimore Regional Transportation Board – Metropolitan Planning Organization



BRTB Members

- City of Annapolis – Michael Pantelides, Mayor
- Anne Arundel County – Steve Schuh, County Executive
- City of Baltimore – Catherine Pugh, Mayor (Vice Chair)
- Baltimore County - Kevin Kamenetz, County Executive
- Carroll County – Stephen Wantz, Board of Commissioners
- Harford County – Barry Glassman, County Executive
- Howard County – Allan Kittleman, County Executive (Chair)
- Queen Anne's County – Stephen Wilson, Board of Commissioners
- MD Department of Transportation – Pete Rahn, Secretary
- Maryland Transit Administration – Paul Comfort, Administrator
- MD Department of the Environment – Ben Grumbles, Secretary
- Maryland Department of Planning – Wendi Peters, Secretary
- Harford Transit – Robert Andrews, Administrator

What We Do - BRTB

- Air Quality
- Bicycle and Pedestrian
- Emergency Preparedness
- Freight
- Safety
- Transit

What We Do - BRTB

- Two-year work program (UPWP)
- Short-term transportation program (TIP)
- Long-range transportation plan (*Maximize 2040*)
- Air quality assessments of all transportation projects

What is the Transportation Improvement Program (TIP)

- Short-range (four-year) program of transportation improvements & priority projects
- Financially constrained
- Authorizes project sponsor to seek or use federal funds
- Generally updated annually
  - Current TIP is FY 2017-2020
- Amendments require 30-day public review
  - New projects, new funding, etc.

Air Quality Assessment

- The TIP goes through a process that compares estimated pollutants (emissions) from transportation projects to limits (budgets) set by the state.

This report, called a “conformity determination”, addresses the 8-hour ozone standard.

BRTB

MTA Maryland

:: MARC Train Improvements Project ::
:: Bus and Bus Facilities Mini Overhaul Project ::
:: MARC Train Rolling Stock Overhauls and Replacement Project ::
:: BaltimoreLink Bus and Rail System Preservation and Improvement Project ::

OPEN FOR COMMENT
Through February 6, 2017

BALTIMORE LINK

Proposed Amendments
February 2017

- MARC Improvements
- MARC Rolling Stock Overhauls and Replacement
- Bus and Rail System Preservation and Improvement
- Bus and Bus Facilities – Mini Overhaul

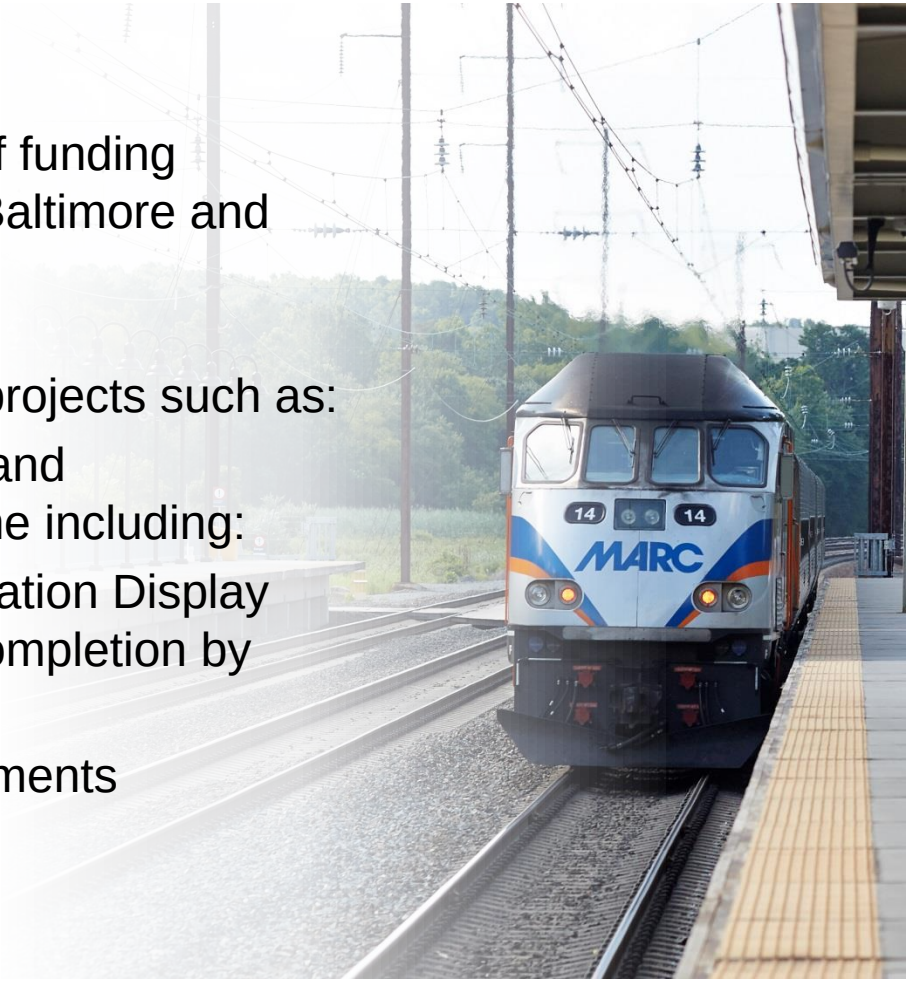
MARC Improvements

Proposed Amendment:

- Accounting-related re-allocation of funding requires an adjustment between Baltimore and Washington MPOs

This TIP sheet includes a variety of projects such as:

- Infrastructure rehabs, upgrades, and improvements along the Penn Line including:
  - BWI – New Passenger Information Display System Design - Estimated completion by 9/2018
  - B&P Tunnel Lighting Improvements



MARC Improvements *(cont.)*

- Infrastructure rehabs, upgrades, and improvements along the Camden and Brunswick Lines including:
  - Jessup Yard – Upgrades and Expansion
  - Switch Heater Replacement

- System-wide parking lot improvements including repaving, restriping, lighting, landscaping, and minor construction

MARC Rolling Stock Overhauls and Replacement

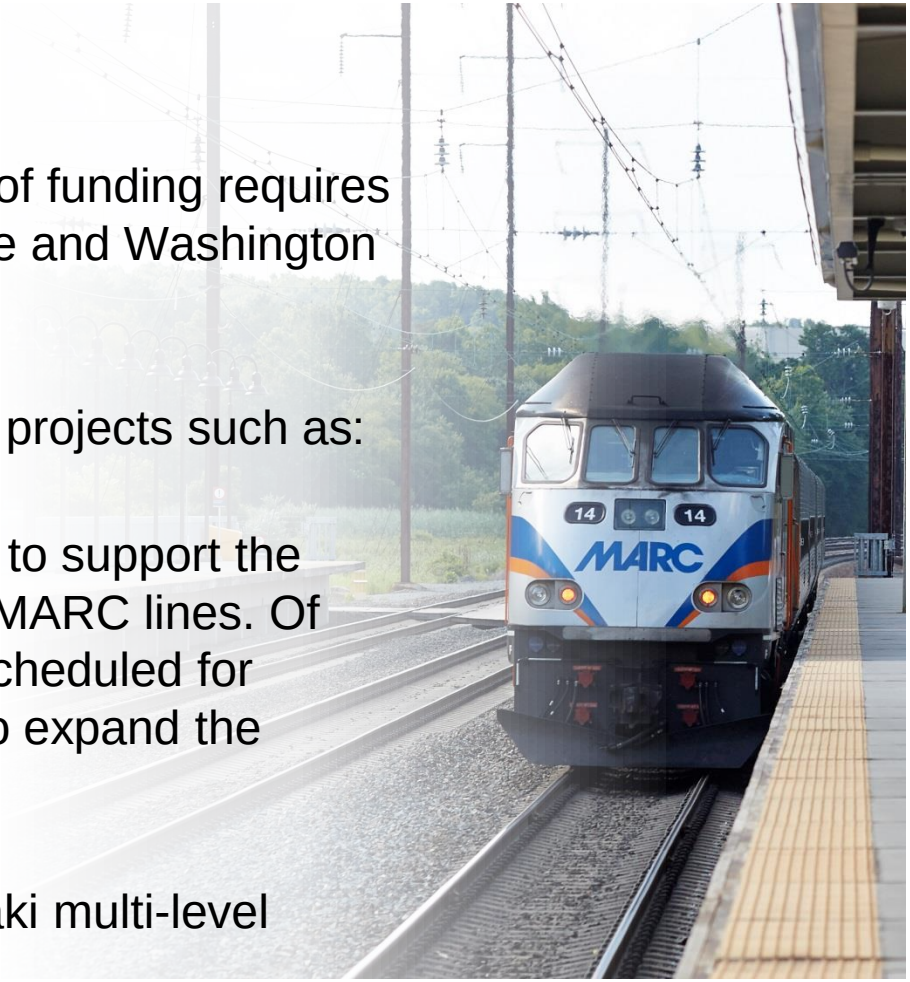
Proposed Amendment:

- Accounting-related re-allocation of funding requires an adjustment between Baltimore and Washington MPO's

This TIP sheet includes a variety of projects such as:

- Purchase of 54 Bi-Level railcars to support the Penn, Camden, and Brunswick MARC lines. Of these, 38 will replace vehicles scheduled for retirement and 16 will be used to expand the MARC fleet

- Overhaul of MARC's 63 Kawasaki multi-level vehicles



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

- Support implementation and development of Positive Train Control (PTC) for MARC as mandated by the Code of Federal Regulations
- Procurement of 8 diesel locomotives to support operational needs and retirement of aging motive power
- Repower 6 MARC GP-39 Diesel Locomotives to reduce emissions, lower fuel costs, and extend locomotive useful life by 25-30 years
- Overhaul of 26 MARC IIA vehicles originally built in 1985 and remanufactured in 1995, encompassing safety, interior, and communication improvements

Bus and Rail System Preservation and Improvement

Proposed Amendments:

- Includes 5307 Flex Funds totaling $20.8 million over the span of FY 2017, FY 2018, and FY 2019 for BaltimoreLink

- Increase in obligation to Section 5307 funding. Total Section 5307 Obligation: $9.449 million ($1.45 million increase)

This TIP sheet includes a variety of projects such as:

- Repair/replace roofs on MTA Metro, Light Rail, MARC and Bus facilities

Bus and Rail System Preservation and Improvement *(cont.)*

- Rehabilitation of MTA paved facilities such as: park-&-ride lots, concrete bus loops, maintenance shops and bus storage facilities

- On-going structural repairs for underground Metro stations (leaks, cracks, etc.)

- Cyclical comprehensive structural inspection of Metro and Light Rail bridge and subway structures

Bus and Rail System Preservation and Improvement *(cont.)*

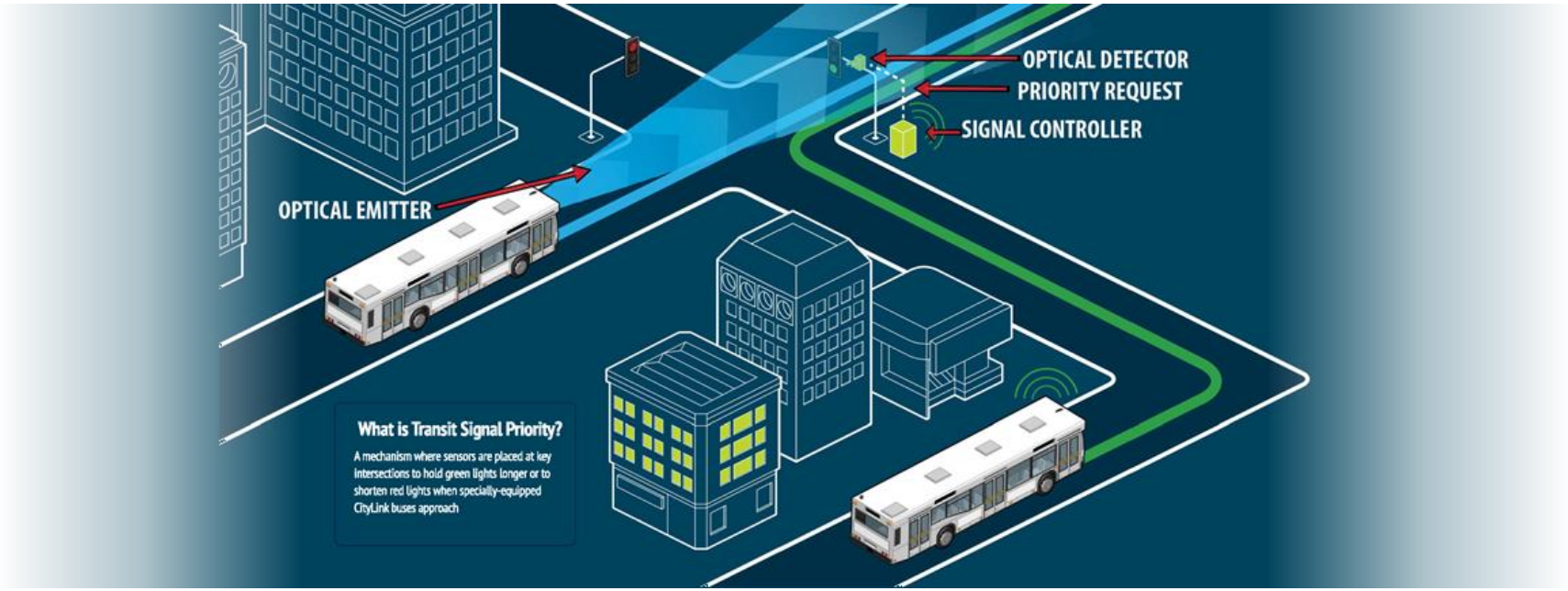
- BaltimoreLink Bus Link Transit Hubs:

  Through the BaltimoreLink project the entire core bus system will be redesigned. To make the new system more efficient, reliable, and user-friendly, the project team will develop, design, and construct hubs and transfer facilities. The facilities will allow for ease of movement throughout the system as patrons move between buses and/or modes.

Bus and Rail System Preservation and Improvement *(cont.)*

- BaltimoreLink Transit Signal Priority:

  Design and implement a signal priority system to aid bus travel time along selected corridors.



Bus and Bus Facilities – Mini Overhaul

- Amendment to add new project:

  Bus & Bus Facilities – Mini Overhaul

- Discretionary grant awarded to MTA
- The program will proactively repair and replace multiple bus components at key points in the vehicle's life
- Improves bus reliability
  - Increase vehicle lifespan
  - Improve maintenance efficiency
  - Reduce mechanical breakdowns
  - Mitigate safety risks
  - Develop workforce through training
- Cost savings

Share your thoughts

Comments welcome through **February 6, 2017** to:

The Baltimore Regional Transportation Board
Attn: Public Involvement Coordinator
Offices @ McHenry Row
1500 Whetstone Way, Suite 300
Baltimore, MD 21230

Fax: 410-732-8248
E-mail: comments@baltometro.org
Twitter: @BaltoMetroCo @BmoreInvolved #BRTBlistens

Comments are also welcome during the Public Comment Opportunity of the BRTB meeting at 9:00 a.m. on Tuesday, February 28, 2017 (scheduled vote)