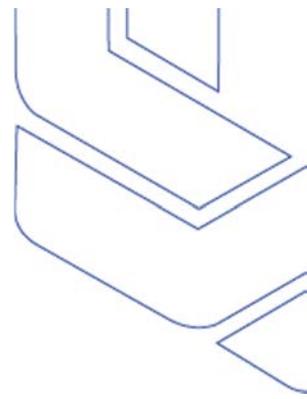


Baltimore Region FY 2014-2017 Transportation Improvement Program (TIP)



BRTB
BALTIMORE REGIONAL TRANSPORTATION BOARD

**OPEN FOR COMMENT ::
IMPROVING MULTI-MODAL ACCESS
TRANSIT, AND SAFETY UPGRADES**

:: Charm City Circulator Harbor Connector Electrification :: Kirk Bus Facility Modernization ::
:: MTA Metro Replacements and Repairs :: SHA Regional Safety Improvements ::
:: Hanover Street Bridge Multimodal Corridor Plan ::

**OPEN FOR COMMENT
THROUGH NOVEMBER 10**

AMENDMENTS **Improving Multimodal Access, Transit and Safety Upgrades**

Public Meeting

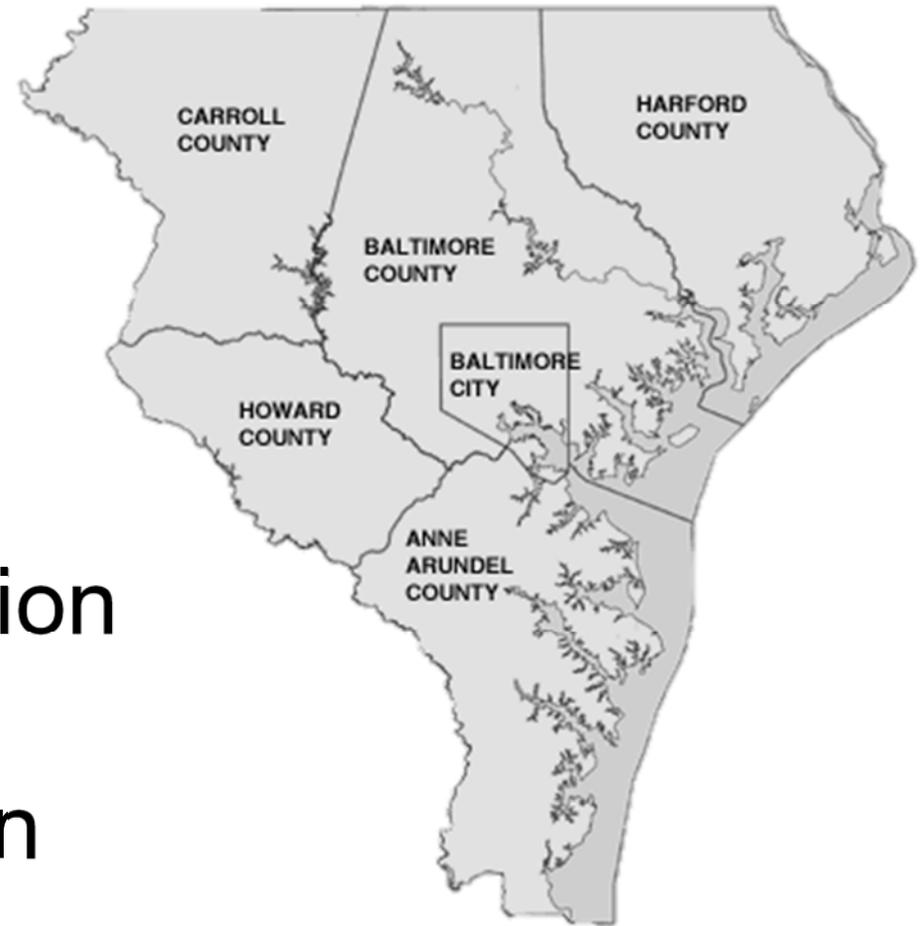
November 5, 2014

Baltimore Metropolitan Council



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 (Vice Chair)
- Anne Arundel County – Laura Neuman, County Executive
- City of Baltimore - Stephanie Rawlings-Blake, Mayor
- Baltimore County - Kevin Kamenetz, County Executive
- Carroll County - Haven Shoemaker, Member, Board of Commissioners
- Harford County - David R. Craig, County Executive (Chair)
- Howard County - Ken Ulman, County Executive
- MD Department of Transportation – James T. Smith, Secretary
- Maryland Transit Administration – Robert Smith, Administrator
- MD Department of the Environment - Robert Summers, Ph.D., Secretary
- Maryland Department of Planning - Richard E. Hall, Secretary



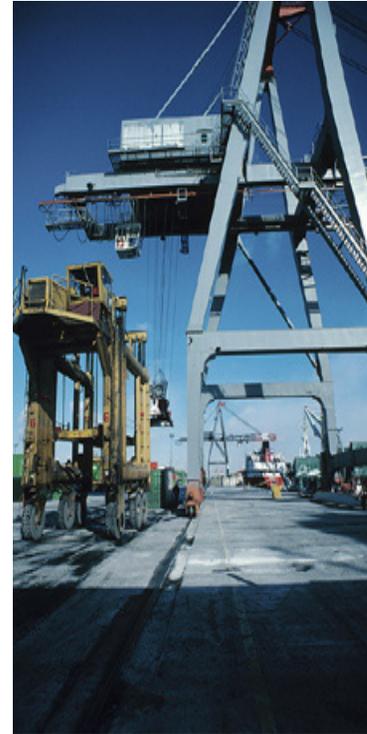
What We Do - BRTB

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

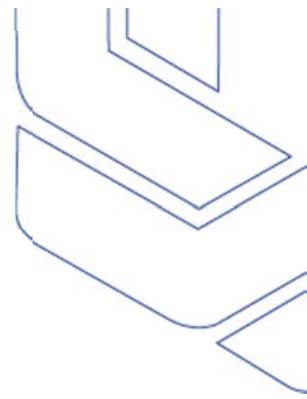


What We Do - BRTB

- Annual work program
- Short-term transportation program (TIP)
- Long-range transportation plan
- 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 2014-2017
- 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 fine particulate matter (PM2.5), 8-hour ozone and CO standards.



**OPEN FOR COMMENT ::
IMPROVING MULTI-MODAL ACCESS
TRANSIT, AND SAFETY UPGRADES**

**:: Charm City Circulator Harbor Connector Electrification :: Kirk Bus Facility Modernization ::
:: MTA Metro Replacements and Repairs :: SHA Regional Safety Improvements ::
:: Hanover Street Bridge Multimodal Corridor Plan ::**

**OPEN FOR COMMENT
THROUGH NOVEMBER 10**

Proposed TIP Amendments

1. Safety and Spot Improvements Project (SHA)

Additional \$15 million in funding for minor improvements (non-capacity)

2. Metro Railcar Overhaul and Emergency Repairs Project (MTA)

Adds \$7.1 million in funding to continue overhauling equipment

3. Kirk Bus Facility Replacement – Phase I & II (MTA)

\$32 million in new funding to complete Phase 1 construction and begin Phase II

4. Metro Railcar & Signaling Systems Replacement (MTA) *New!*

\$41.5 million to replace aging railcars, as well as the Metro signal system

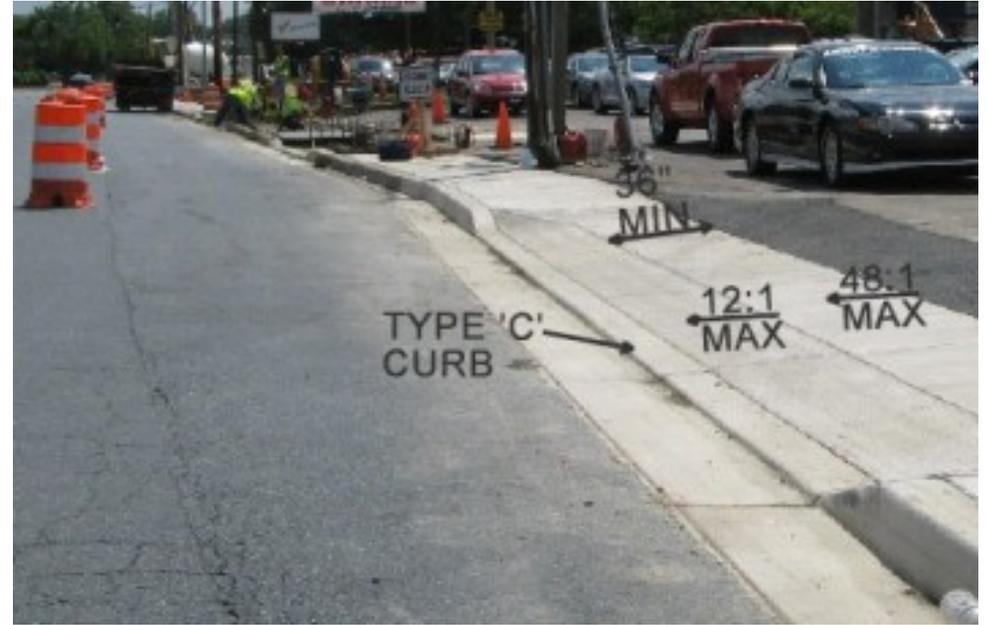
5. Charm City Circulator Harbor Connector Electrification Project (MTA/Baltimore City) *New!*

\$1 million for new commuter service vessel and smart charging infrastructure

6. Hanover Street Bridge Multimodal Study (Baltimore City) *New!*

\$1.1 million TIGER grant + \$700,000 local dollars for project planning

Safety & Spot Improvements (SHA)



Safety & Spot Improvements (SHA)

- Ongoing improvements to address safety and/or operational issues.
 - ✓ Lane improvements (bypass, acceleration/deceleration, and turn lanes)
 - ✓ Guardrails
 - ✓ Rail crossings
 - ✓ Intersections
 - ✓ ADA improvements
 - ✓ Roundabouts
- \$12 million in National Highway Performance Program with \$3 million state match

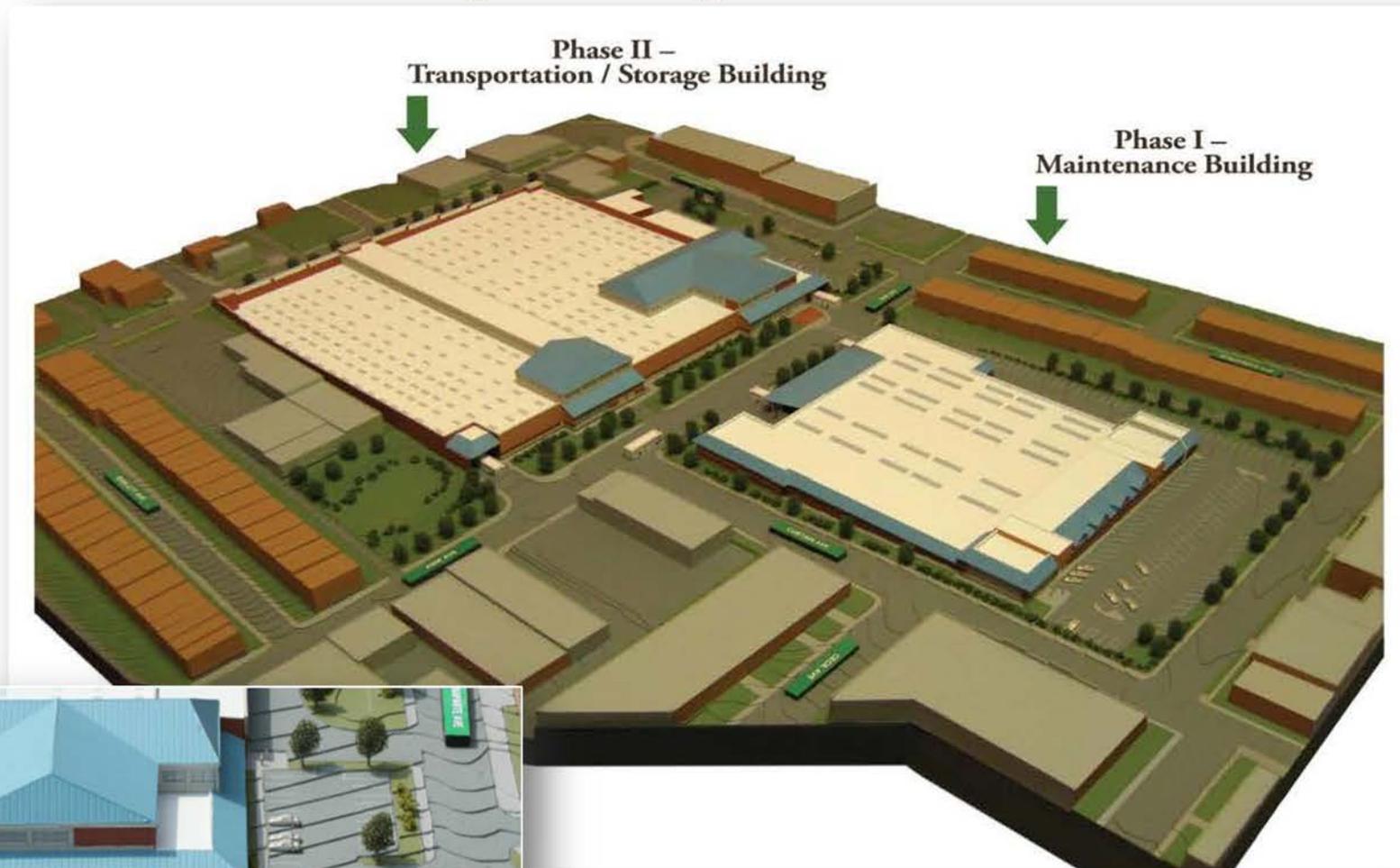


Metro Railcar Overhaul and Emergency Repairs Project (MTA)

- Repair damaged railcar vehicles
- Upgrade, overhaul, and/or install new vehicle systems
- Adds \$7.1 million in Section 5307 funding



Kirk Bus Facility Replacement, Phases I & II (MTA)



Kirk Bus Facility Replacement, Phases I & II (MTA)

- Phase 1 – Maintenance Building construction began fall 2013 and expected to be complete in 2015.
- Phase 2 – Transportation / Storage Building construction is expected to begin fall 2015 and be complete in 2017.
- \$26.1 million in Section 5307 funding and \$5.8 million in Section 5339 funds

New!

Metro Railcar & Signaling Systems Replacement (MTA)

- Replace aging Metro railcars and the signaling system with modern and reliable equipment.
- \$29.6 million in Section 5307 funds (FY 2015 & 2017)
- \$3.6 million in CMAQ funds (FY 2017)
- \$8.3 million in state matching funds



MTA 
Maryland

New!

Charm City Circulator Harbor Connector Electrification Project

HARBOR CONNECTOR - Route Map and Landing Locations



LANDING NAME	LANDING LOCATION
Maritime Park	1417 Thames St.
Tide Point	1030 Hull St.
Canton Waterfront Park	3001 Boston St.
Harbor East	Aliceana St.
Harbor View	100 Pierside Drive

CIRCULATOR LEGEND

- Banner Route/Stop
- Green Route/Stop
- Orange Route/Stop
- Purple Route/Stop
- Harbor Connector
- Hospital
- Parking
- Accommodations
- Light Rail
- Metro Subway
- MARC Train
- Visitor Center



New!

Charm City Circulator Harbor Connector Electrification Project

- Purchase and install one all-electric water taxi and high powered smart changing station for the Harbor Connector Commuter Service
- \$854,000 in Section 5307 funds
- \$151,000 in local matching funds

New!

Hanover Street Bridge Multimodal Corridor Plan (Baltimore City)



New!

Hanover Street Bridge Multimodal Corridor Plan (Baltimore City)

- This corridor has been identified as a major barrier to multimodal transportation, including concerns about:
 - bicycle and pedestrian safety
 - freight movement
 - access to transportation options for the nearly 50% of households in South Baltimore that do not have access to a vehicle
- The plan will also explore options to rehabilitate or reconstruct the nearly 100-year-old Hanover Street Bridge
- \$1.1 million TIGER grant
- \$700,000 local dollars for project planning



Share your thoughts

Comments welcome through **November 10, 2014** 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 meetings on Tuesday, October 28 at 4:30 p.m. or November 25 at 9 a.m. (scheduled vote)

