



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



:: Southeast Baltimore Freight Corridor Improvements to  
Keith + Holabird Avenues, Broening Highway Complete Streets,  
and Colgate Creek Bridge Replacement ::  
:: Waterview Avenue/Annapolis Road Bridge Replacement ::  
:: Edison Highway Bridge Replacement ::  
:: Charm City Bikeshare – Phase I ::

*Baltimore Metropolitan Council*

*February 3, 2016*

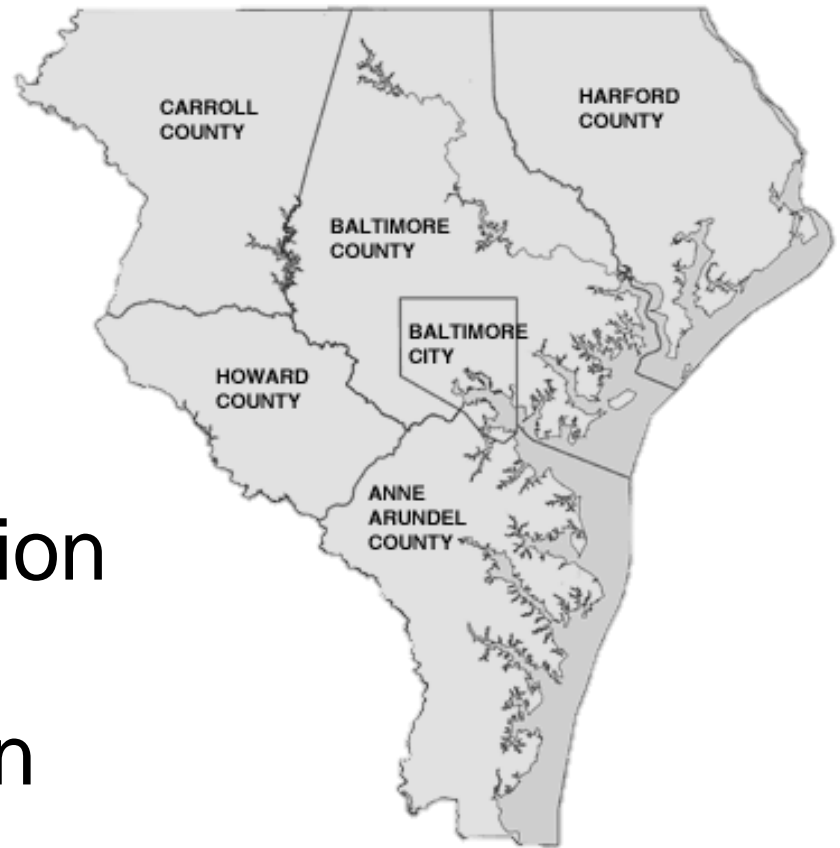


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# Who We Are

- 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 - Stephanie Rawlings-Blake, 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)
- 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 – David Craig, Secretary



# 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 2016-2019
- 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 (PM<sub>2.5</sub>), 8-hour ozone and CO standards.





**:: Southeast Baltimore Freight Corridor Improvements to  
Keith + Holabird Avenues, Broening Highway Complete Streets,  
and Colgate Creek Bridge Replacement ::**  
**:: Waterview Avenue/Annapolis Road Bridge Replacement ::**  
**:: Edison Highway Bridge Replacement ::**  
**:: Charm City Bikeshare – Phase I ::**

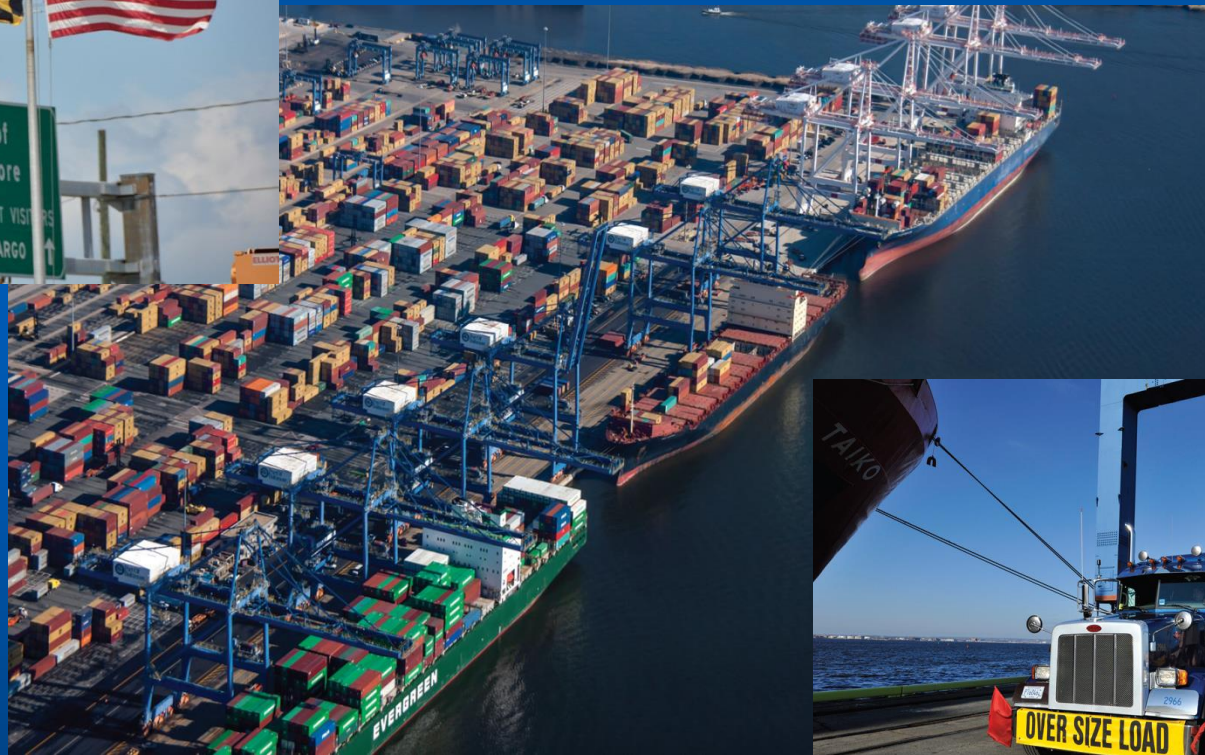


# February Amendments

- Southeast Baltimore Freight Corridor:
  - Colgate Creek Bridge Replacement
  - Keith and Holabird Avenue Improvements
  - Broening Highway Complete Streets
- Citywide Bridge Preservation and Rehabilitation
- Citywide Bicycle and Pedestrian Improvements
- Waterview Ave/Annapolis Road Bridge Replacements

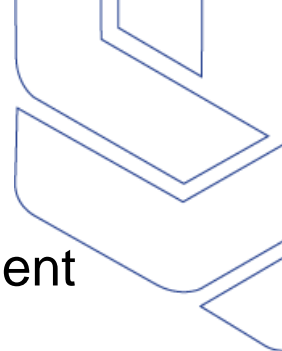


# SE Baltimore Freight Corridor



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# SE Baltimore Freight Corridor

- This project adds newly awarded funding from the US Department of Transportation 2015 TIGER Grant program, to restore functionality to a vital freight network of roads and bridges connecting the Port of Baltimore to regional and national highway systems.
- The project includes:
  - Replacement or rehabilitation of the existing Colgate Creek Bridge
  - Critical roadway infrastructure improvements on Holabird and Keith Avenues
  - Complete streets improvements in residential portion of Broening Highway
- The TIP amendment adds a new project to the 2016-2019 TIP utilizing federal TIGER funds awarded in FY16. The project allocates funds for engineering and construction in FY 2016 through FY2019 totaling \$30 million. This project also utilizes local matching funds.



# SE Baltimore Freight Corridor





# SE Baltimore Freight Corridor – Colgate Creek Bridge Replacement

- Replace existing structurally deficient bridge
- Restores functionality and capacity for sufficient freight/truck movements
- Improves quality of life for SE neighborhoods



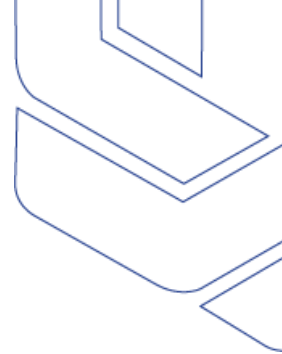


# SE Baltimore Freight Corridor – Keith and Holabird Avenue Improvements

- Improves existing roadway infrastructure
- Provides direct access for freight traveling between the port and the interstate
- Re-routes freight away from residential neighborhoods



# SE Baltimore Freight Corridor – Broening Highway Complete Streets



- Implements elements of complete streets to dissuade trucks from utilizing the residential portion of Broening Highway
- Improves quality of life
- Creates a more walkable and bikeable environment



# Contact Information

**For more information on this project:**

Greg Bauer, Project Manager

Bridge Section

Transportation Engineering and Construction Division

Baltimore City Department of Transportation

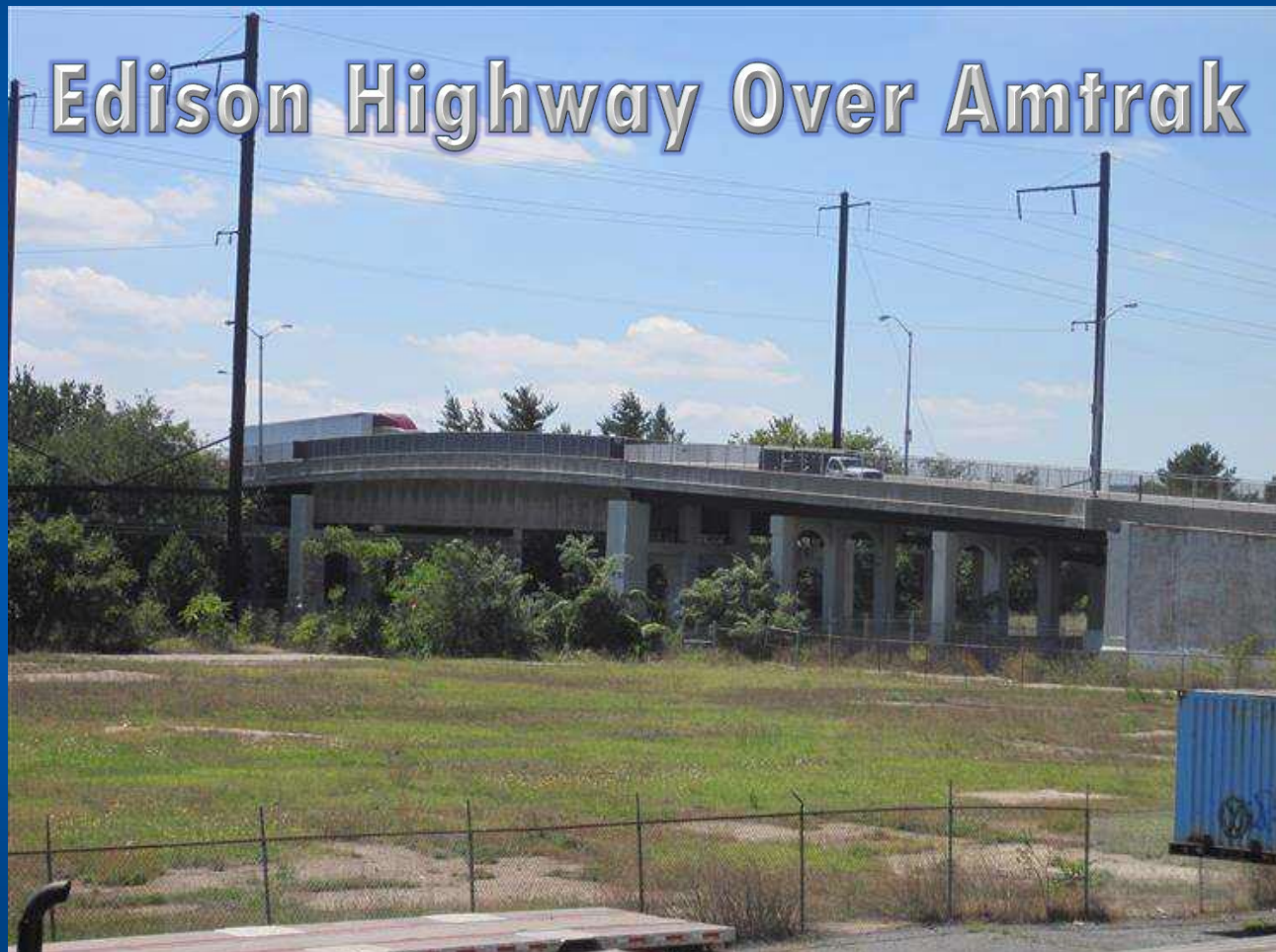
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# Citywide Bridge Preservation and Rehabilitation



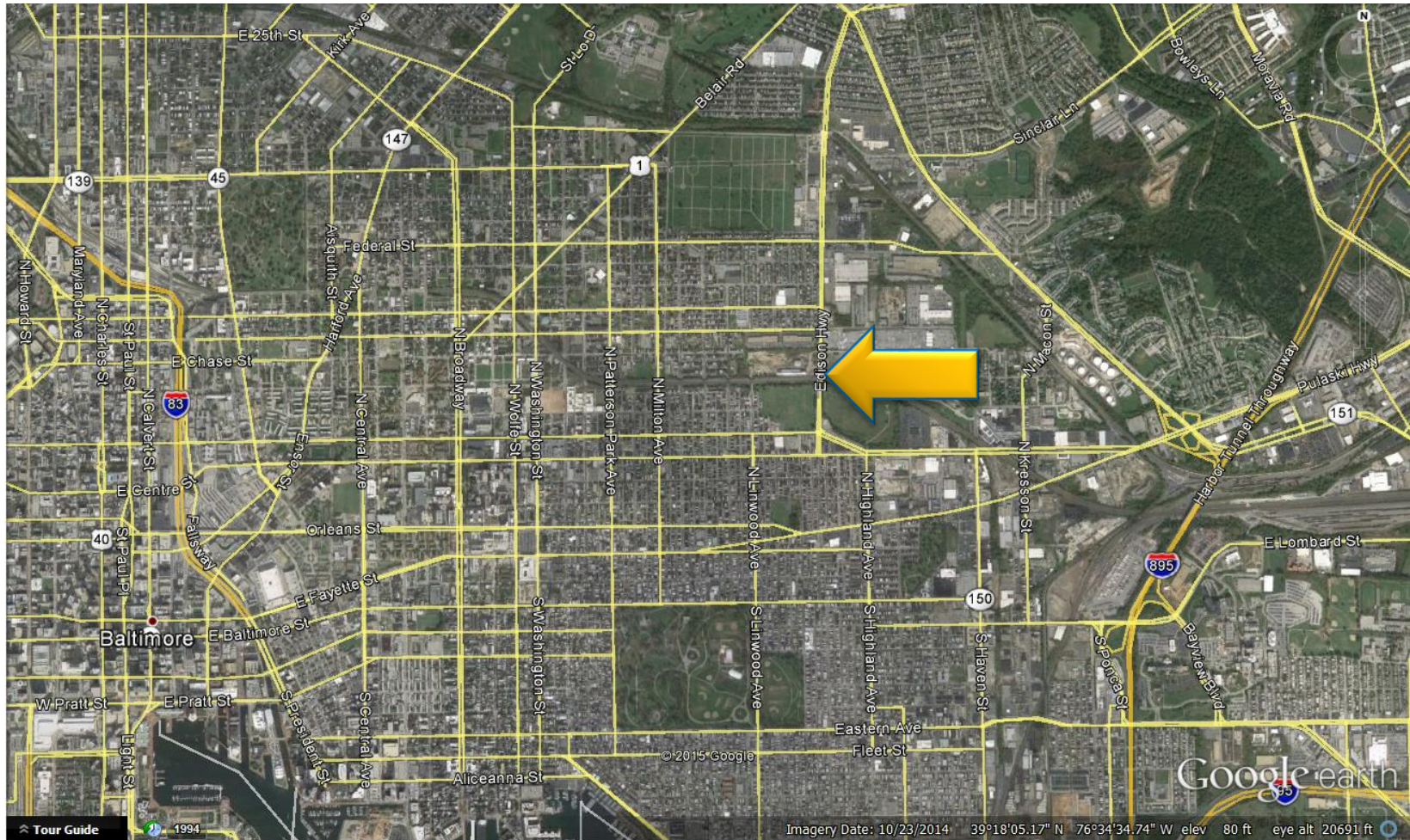
# Citywide Bridge Preservation and Rehabilitation

- 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.
- The project is for the Edison Highway Bridge over Amtrak and includes:
  - Rehabilitate the bearing pads, concrete piers, and abutments
  - Concrete repairs to the bridge parapets, approach sidewalk and curb
  - Replace the joint strip seals and install a drainage trough system
  - Repair several concrete pedestals, spalls, cracks, and delaminated concrete piers, abutments, wing walls and check walls
  - Clean and paint the beam ends and main span segmental rocker bearings
- The TIP amendment adds a project to the 2016-2019 TIP utilizing federal STP funds. The project allocates construction funds in FY 2016 totaling \$1.7 million  
(*\$1.36 million – Federal Funds; \$340,000 – Local Matching Funds*)





# Citywide Bridge Preservation and Rehabilitation





# Citywide Bridge Preservation and Rehabilitation

## Edison Highway Over Amtrak



# Contact Information

## For more information on this project:

Greg Bauer, Project Manager  
Bridge Section  
Transportation Engineering and Construction Division  
Baltimore City Department of Transportation  
410-396-6935



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# Waterview Avenue, Annapolis Road, and Maisel Street Bridge Replacements



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# Waterview Avenue/Annapolis Road Bridge Replacements

- 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.
- The project is for the full replacement of the following three bridges over the Baltimore Washington Parkway
  - 1) Annapolis Road Bridge (located 0.6 miles south of the Waterview/Annapolis Road Bridge)
  - 2) Waterview Avenue/Annapolis Road Bridge
  - 3) Maisel Street Pedestrian Bridge

And will include: Providing increased structural and traffic safety, ADA compliance, bicycle compatibility, and landscaping

- The TIP amendment adds a project to the 2016-2019 TIP utilizing federal STP funds. The project allocates construction funds in FY 2016 totaling \$30 million

*\*( \$24 million – Federal Funds; \$6 million – Local Matching Funds)*





# Waterview Avenue and Annapolis Road Bridge Replacements





# Waterview Avenue Bridge Replacement





# Annapolis Road Bridge Replacement



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# Maisel Street Pedestrian Bridge Replacement



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# Contact Information

## For more information on this project:

Tony Grant, Project Manager  
Bridge Section  
Transportation Engineering and Construction Division  
Baltimore City Department of Transportation  
410-396-6935

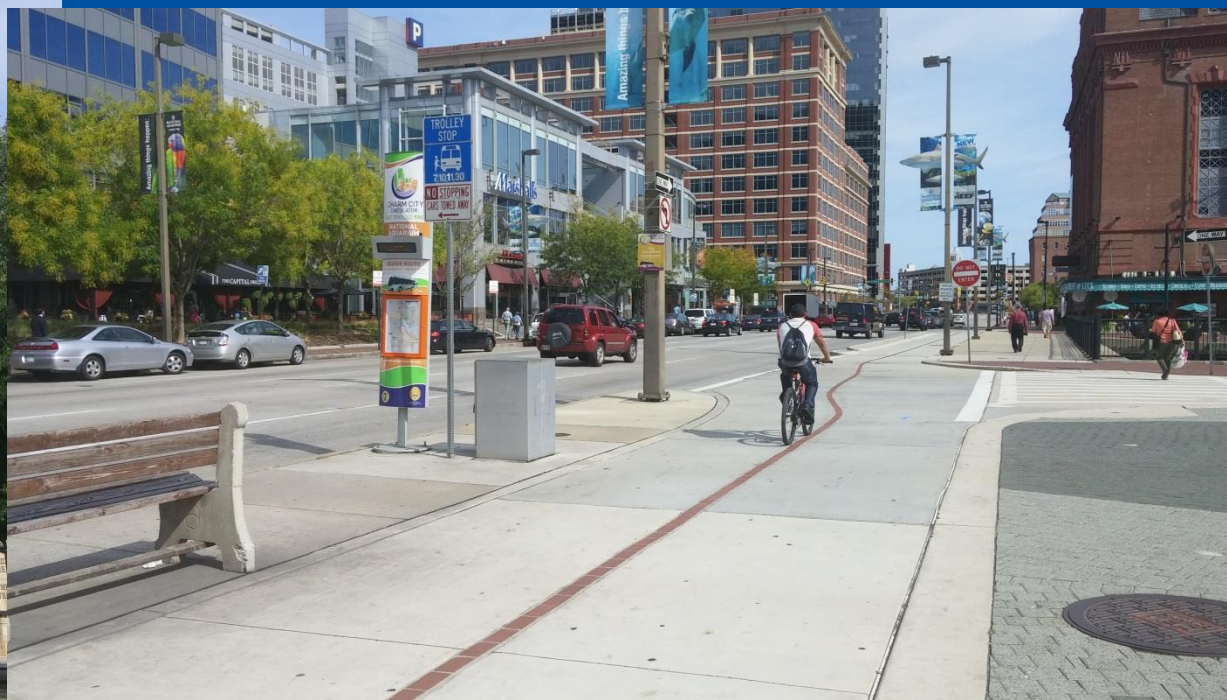


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# Citywide Bicycle and Pedestrian Improvements



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# Citywide Bicycle and Pedestrian Improvements

- This project includes \$4.6 million in Surface Transportation Program funds allocated for the planning, design, and construction of bicycle and pedestrian infrastructure, to encourage alternative modes of transportation, reduce emissions, and improve the city's quality of life overall (unchanged).
- The FY16-19 TIP amendment includes:
  - The addition of Phase I of the Charm City Bikeshare System implementation.
  - Funding: \$2.6 million in Congestion Mitigation and Air Quality funding and local match



# Citywide Bicycle and Pedestrian Improvements - Bikeshare

- Improves multi-modal access throughout the city
- Provides access for short-distance trips
- Reduces traffic congestion, noise, and air pollution.





# Citywide Bicycle and Pedestrian Improvements - Bikeshare

- This amendment adds over \$2.6M in CMAQ funding and local HUR and County Transportation Bond funds, allocated to the implementation of the Bikeshare system in FY16.

## Congestion Mitigation and Air Quality -UPDATE

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	\$1,507	\$1,100	\$0	\$0	\$0	\$0	\$0	\$0	\$2,607
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
<b>Subtotal</b>	<b>\$1,507</b>	<b>\$1,100</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,607</b>





# Charm City Bikeshare



- **October 2015:** IFB
- **November 2015:** Hire Bike Share Coordinator
- **December 2015:**
  - Marketing kickoff with Comcast Spectra
  - Six proposals accepted in response to RFP
- **February 2016:**
  - Vendor/operator selected
  - Start community involvement (survey, website, station placement)
- **Summer 2016:** Finalize station placement
- **Fall 2016:** Launch Phase I



# Contact Information

**For more information on this project:**

Jay Decker, Bike Share Coordinator  
Baltimore City Department of Transportation  
[James.Decker@baltimorecity.gov](mailto:James.Decker@baltimorecity.gov)



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# Share your thoughts

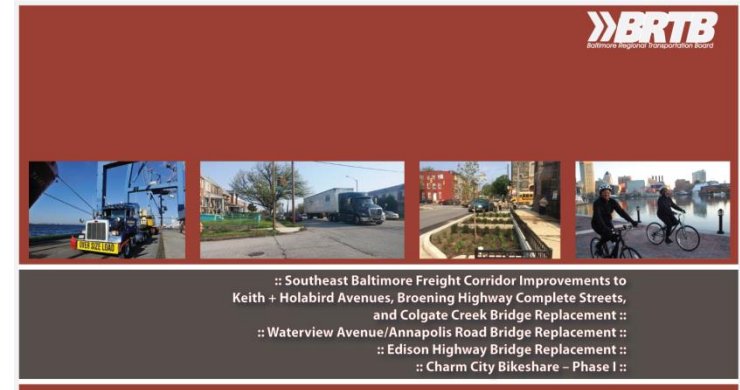
Comments welcome through **February 5, 2016** to:

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](mailto: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 23, 2016 (scheduled vote)



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