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

Baltimore Metropolitan Council
February 3, 2016
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 (PM2.5), 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
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

Proposed - TIGER VI Project Elements
1. Colgate Creek Bridge Replacement
2. Roadway Improvements Connecting Freight Directly to I-95
3. Complete Streets Improvements

Current - Corridor Improvements Underway
4. Expanded Interstate Access
5. DMT Gate Access
6. Broening Highway/Keith Avenue Improvements
7. Transit & Roadway Improvements Supporting Livable Communities
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
This amendment proposes to add this project to the 2016-2019 TIP with the following funds:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CON</td>
<td>$2,000</td>
<td>$2,000</td>
<td>$1,500</td>
<td>$3,500</td>
<td>$2,600</td>
<td>$2,500</td>
<td>$2,000</td>
<td>$2,000</td>
<td>$20,000</td>
</tr>
<tr>
<td>OTH</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>PE</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>PP</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>ROW</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Subtotal</td>
<td>$2,000</td>
<td>$2,000</td>
<td>$1,500</td>
<td>$3,500</td>
<td>$2,600</td>
<td>$2,500</td>
<td>$2,000</td>
<td>$2,000</td>
<td>$20,000</td>
</tr>
</tbody>
</table>

Surface Transportation Program (Surface Transportation, Bridge (Off-System))

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CON</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>OTH</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>PE</td>
<td>$1,600</td>
<td>$400</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$2,000</td>
</tr>
<tr>
<td>PP</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>ROW</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Subtotal</td>
<td>$1,600</td>
<td>$400</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$2,000</td>
</tr>
<tr>
<td>Total</td>
<td>$3,600</td>
<td>$2,400</td>
<td>$3,500</td>
<td>$3,500</td>
<td>$2,500</td>
<td>$2,500</td>
<td>$2,000</td>
<td>$2,000</td>
<td>$22,000</td>
</tr>
</tbody>
</table>
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
This amendment proposes to add this project to the 2016-2019 TIP with the following funds:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CON</td>
<td>$560</td>
<td>$560</td>
<td>$1,500</td>
<td>$1,080</td>
<td>$1,100</td>
<td>$800</td>
<td>$0</td>
<td>$0</td>
<td>$5,600</td>
</tr>
<tr>
<td>CTH</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>PE</td>
<td>$480</td>
<td>$120</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$600</td>
</tr>
<tr>
<td>PP</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>ROW</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Subtotal</td>
<td>$1,040</td>
<td>$680</td>
<td>$1,500</td>
<td>$1,080</td>
<td>$1,100</td>
<td>$800</td>
<td>$0</td>
<td>$0</td>
<td>$6,200</td>
</tr>
<tr>
<td>Total</td>
<td>$1,040</td>
<td>$680</td>
<td>$1,500</td>
<td>$1,080</td>
<td>$1,100</td>
<td>$800</td>
<td>$0</td>
<td>$0</td>
<td>$6,200</td>
</tr>
</tbody>
</table>
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
This amendment proposes to add this project to the 2016-2019 TIP with the following funds:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CON</td>
<td>$190</td>
<td>$190</td>
<td>$190</td>
<td>$190</td>
<td>$520</td>
<td>$620</td>
<td>$0</td>
<td>$0</td>
<td>$1,900</td>
</tr>
<tr>
<td>OTH</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>PE</td>
<td>$320</td>
<td>$80</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$320</td>
</tr>
<tr>
<td>PP</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>ROW</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Subtotal</td>
<td>$810</td>
<td>$270</td>
<td>$180</td>
<td>$190</td>
<td>$520</td>
<td>$620</td>
<td>$0</td>
<td>$0</td>
<td>$2,300</td>
</tr>
<tr>
<td>Total</td>
<td>$810</td>
<td>$270</td>
<td>$180</td>
<td>$190</td>
<td>$520</td>
<td>$620</td>
<td>$0</td>
<td>$0</td>
<td>$2,300</td>
</tr>
</tbody>
</table>
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

To submit comments:

Regina Aris
Baltimore Metropolitan Council
comments@baltometro.org
410-732-9572
Citywide Bridge Preservation and Rehabilitation

Edison Highway Over Amtrak
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

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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CON</td>
<td>$1,360</td>
<td>$340</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$1,700</td>
</tr>
<tr>
<td>OTH</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>PE</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>PP</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>ROW</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Subtotal</td>
<td>$1,360</td>
<td>$340</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$1,700</td>
</tr>
<tr>
<td>Total</td>
<td>$1,360</td>
<td>$340</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$1,700</td>
</tr>
</tbody>
</table>
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

To submit comments:

Regina Aris
Baltimore Metropolitan Council
comments@baltometro.org
410-732-9572
Waterview Avenue, Annapolis Road, and Maisel Street Bridge Replacements
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 Ave/Annapolis Road Bridge Replacements

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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CON</td>
<td>$24,000</td>
<td>$6,000</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$30,000</td>
</tr>
<tr>
<td>OTH</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>PE</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>PP</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>ROW</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Subtotal</td>
<td>$24,000</td>
<td>$6,000</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$30,000</td>
</tr>
<tr>
<td>Total</td>
<td>$24,000</td>
<td>$6,000</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$30,000</td>
</tr>
</tbody>
</table>
Annapolis Road Bridge Replacement
Maisel Street Pedestrian Bridge Replacement
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

To submit comments:

Regina Aris
Baltimore Metropolitan Council
comments@baltometro.org
410-732-9572
Citywide Bicycle and Pedestrian Improvements
Citywide Bicycle and Pedestrian Improvements

• This project includes 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.

• This project includes $7.2M in Surface Transportation and Congestion Mitigation and Air Quality funding allocated for engineering and construction projects in FY16 – 19.

• The FY16-19 TIP amendment includes:
  – The addition of Phase I of the Charm City Bikeshare System implementation.
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.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CON</td>
<td>$1,507</td>
<td>$1,100</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$2,607</td>
</tr>
<tr>
<td>OTH</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>PE</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>PP</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>ROW</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Subtotal</td>
<td>$1,507</td>
<td>$1,100</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$2,607</td>
</tr>
</tbody>
</table>
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

To submit comments:

Regina Aris
Baltimore Metropolitan Council
comments@baltometro.org
410-732-9572
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  
*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)