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



I MTA Core Bus and Paratransit Vehicle Replacement II Bus and Rail System Preservation and Improvement Project II Kirk Bus Facility Replacement – Phase 1 and 2 II II US 40 Bridge Replacements over Little & Big Gunpowder Falls II II Bus New Main Shop II Ridesharing – Baltimore Region II

Baltimore Metropolitan Council

February 24, 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.







:: MTA Core Bus and Paratransit Vehicle Replacement :: Bus and Rail System Preservation and Improvement Project :: Kirk Bus Facility Replacement – Phase 1 and 2 :: :: US 40 Bridge Replacements over Little & Big Gunpowder Falls :: :: Bus New Main Shop :: Ridesharing – Baltimore Region ::

March Amendments

- Maryland Transit Administration
 - Bus and Rail System Preservation and Improvement
 - MTA Core Bus and Paratransit Vehicle Replacement
 - Bus New Main Shop
 - Kirk Bus Facility Replacement: Phases 1 & 2
 - Ridesharing: Baltimore Region







Bus and Rail System Preservation and Improvement

This amendment has been created to add FY15 funds that weren't obligated until FY16, and to add projects related to the BaltimoreLink Project. Total funding in the TIP increases from \$10.4 million to \$54.6 million, an increase of \$44.2 million (\$35.4 million federal/\$8.8 million matching).

This TIP sheet includes a variety of projects such as:

- Repairing and replacing roofs on MTA facilities to include: Metro, Light Rail, MARC and Bus.
- Rehabilitation of MTA paved facilities such as: P&R lots, concrete bus loops, maintenance shops and bus storage facilities.
- On-going structural repairs for underground Metro stations from John Hopkins to Penn-North (leaks, cracks, etc)
- Cyclical comprehensive structural inspection of Metro and Light Rail bridge and subway structures.
- BaltimoreLink:
 - Develop, design and construct hubs and transfer facilities related to the BaltimoreLink project.
 - Analyze potential roadway corridors for implementation of development of bus only lanes as well as Transit Signal Priority





MTA Core Bus and Paratransit Vehicle Replacement

This amendment has been created to show FY 15 funds that weren't obligated until FY16, and to show funding for the purchase of buses for the BaltimoreLink Project. Total funding in the TIP increases from \$117.8 million to \$157.2 million, an increase of \$39.4 million (\$31.5 million federal/\$7.9 million matching).

Core Bus Replacement

- Bus procurement project will supply MTA Bus Operations with Clean Diesel buses in FY 16, 17 & 18, to meet the needs of the Fleet Management Plan over the next 5 years.
- Planned fleet replacement through the purchase of 172, 40ft Clean Diesel Buses plus an additional 10, 40ft Clean Diesels to contribute to the BaltimoreLink Project.
- Projected first bus Spring 2016
- Projected last bus Winter 2017





MTA Core Bus and Paratransit Vehicle Replacement – Continued

Paratransit Vehicle Replacement

- Purchase of mobility vehicles under MTA's Mobility (Paratransit) program.
 - Purchase of 147 Sedans in FY 2016
 - Total of 56 vehicles received and accepted to date.





Bus New Main Shop

Design and Build a New Bus Main Shop at 1300 Bush Street

This amendment has been created to show FY15 funds that weren't obligated until FY16, resulting in this project being added to the 2016-2019 TIP. The total amount of funds added to the TIP is \$13.7 million (\$11 million federal/\$2.7 million matching).

- This facility will:
 - Provide better working conditions for employees
 - Help improve utilization of the existing maintenance facilities in the complex
 - Increase the capacity for maintenance and allow additional articulated buses to be staged.
- The new facility will be utilized to perform major bus repairs including engine replacement, transmission repairs, and HVAC repairs.
- Anticipation Completion of Construction is August 2016
- Estimated Construction is \$40.4 million





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

This amendment has been created to show the FY 15 funds that weren't obligated until FY16. Total funding in the TIP increases from \$44 million to \$59.5 million, an increase of \$15.5 million (\$12.4 million federal/\$3.1 million matching).

- Approximately 160 buses are stored, operated, and maintained at the Kirk Bus Facility. Operations include preventive bus maintenance, inspections, heavy repairs, fueling, washing, administration, and dispatching.
- Phase I Construction of a 100,000 square foot state-of-the-art, sustainable design, energy-efficient building that will house maintenance work.
 - Better control of noise, exhaust fumes and visibility of buses to the surrounding community.
 - Maintenance Building construction began fall 2013 and is expected to be completed by Spring 2016.
- Phase II Construction of a similar facility to store buses overnight
 - *Temporary* anticipated construction is set to begin Spring 2016 and anticipated construction completion is Winter 2017.
 - Ultimate anticipated construction to begin Summer 2017 and the anticipated construction duration is 2 years.





Ridesharing

This amendment has been created to show FY16 capital awards. The funding previously listed in the TIP erroneously reflected the total statewide apportionment. Funding is now being updated to reflect the correct amount apportioned to the Baltimore region. There are no changes in programming. Total funding in the TIP decreases from \$6.2 million to \$2.664 million.

- This is an annual commuter assistance program to promote alternatives to driving alone and to promote carpools and vanpools. Programs include ridesharing, transit, telecommuting, bicycling and walking.
- Funding is provided to state and local governments for transportation projects and programs to help meet the requirements of the clean air act.
- Funding is 100% Federal dollars.





Share your thoughts

Comments welcome through March 4, 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



:: Bus New Main Shop :: Ridesharing - Baltimore Region ::

Twitter: @BaltoMetroCo @BmoreInvolved #BRTBlistens

A presentation will be made to the BRTB's Public Advisory Committee (PAC) Policy Subcommittee on Wednesday, March 2 at 4:30 p.m. at the Baltimore Metropolitan Council. Comments are also welcome during the Public Comment Opportunity of the BRTB meeting at 9:00 a.m. on Tuesday, March 22, 2016 (scheduled vote)



Bus and Rail System Preservation and Improvement

(Funding in Thousands)

Section 5307 Urbanized Area Formula Program (funding for capital projects) -ORIGINAL

| 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 | \$1,880 | \$470 | \$2,470 | \$618 | \$3,975 | \$994 | \$0 | \$0 | \$10,407 |
| 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 | \$1,880 | \$470 | \$2,470 | \$618 | \$3,975 | \$994 | \$0 | \$0 | \$10,407 |
| Total | \$1,880 | \$470 | \$2,470 | \$618 | \$3,975 | \$994 | \$0 | \$0 | \$10,407 |

Section 5307 Urbanized Area Formula Program (funding for capital projects) -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 | \$22,680 | \$5,670 | \$7,999 | \$2,000 | \$8,186 | \$2,047 | \$0 | \$0 | \$48,582 |
| OTH | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| PE | \$4,300 | \$1,075 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,375 |
| PP | \$500 | \$125 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$625 |
| ROW | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Subtotal | \$27,480 | \$6,870 | \$7,999 | \$2,000 | \$8,186 | \$2,047 | \$0 | \$0 | \$54,582 |
| Total | \$27,480 | \$6,870 | \$7,999 | \$2,000 | \$8,186 | \$2,047 | \$0 | \$0 | \$54,582 |





MTA Core Bus and Paratransit Vehicle Replacement

(Funding in Thousands)

Section 5307 Urbanized Area Formula Program (funding for capital projects) -ORIGINAL

| 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 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| OTH | \$7,011 | \$1,753 | \$15,565 | \$3,891 | \$7,956 | \$1,989 | \$12,068 | \$3,017 | \$53,250 |
| 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 | \$7,011 | \$1,753 | \$15,565 | \$3,891 | \$7,956 | \$1,989 | \$12,068 | \$3,017 | \$53,250 |

Section 5339 (Bus and Bus Facilities Formula Program)

| 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 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| OTH | \$0 | \$0 | \$0 | \$0 | \$3,786 | \$947 | \$3,862 | \$966 | \$9,561 |
| 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 | \$0 | \$0 | \$0 | \$0 | \$3,786 | \$947 | \$3,862 | \$966 | \$9,561 |

Congestion Mitigation and Air Quality ORIGINAL

| 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 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| OTH | \$11,276 | \$2,819 | \$7,251 | \$1,813 | \$10,969 | \$2,742 | \$14,512 | \$3,628 | \$55,010 |
| 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 | \$11,276 | \$2,819 | \$7,251 | \$1,813 | \$10,969 | \$2,742 | \$14,512 | \$3,628 | \$55,010 |
| Total | \$18,287 | \$4,572 | \$22,816 | \$5,704 | \$22,711 | \$5,678 | \$30,442 | \$7,611 | \$117,821 |





MTA Core Bus and Paratransit Vehicle Replacement

(Funding in Thousands)

Section 5307 Urbanized Area Formula Program (funding for capital projects) -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 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| OTH | \$9,811 | \$2,453 | \$20,034 | \$5,009 | \$16,317 | \$4,079 | \$17,695 | \$4,424 | \$79,822 |
| 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 | \$9,811 | \$2,453 | \$20,034 | \$5,009 | \$16,317 | \$4,079 | \$17,695 | \$4,424 | \$79,822 |

Section 5339 (Bus and Bus Facilities Formula Program)

| 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 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| OTH | \$0 | \$0 | \$0 | \$0 | \$3,786 | \$947 | \$3,862 | \$966 | \$9,561 |
| 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 | \$0 | \$0 | \$0 | \$0 | \$3,786 | \$947 | \$3,862 | \$966 | \$9,561 |

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 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| OTH | \$11,355 | \$2,839 | \$10,378 | \$2,595 | \$14,197 | \$3,549 | \$18,332 | \$4,583 | \$67,828 |
| 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 | \$11,355 | \$2,839 | \$10,378 | \$2,595 | \$14,197 | \$3,549 | \$18,332 | \$4,583 | \$67,828 |
| Total | \$21,166 | \$5,292 | \$30,412 | \$7,604 | \$34,300 | \$8,575 | \$39,889 | \$9,973 | \$157,211 |





Bus New Main Shop

(Funding in Thousands)

Section 5307 Urbanized Area Formula Program (funding for capital projects) NEW

| 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 | \$9,329 | \$2,332 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$11,661 |
| 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 | \$9,329 | \$2,332 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$11,661 |

Section 5339 (Bus and Bus Facilities Formula Program) -NEW

| 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 | \$1,664 | \$416 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,080 |
| 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 | \$1,664 | \$416 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,080 |
| Total | \$10,993 | \$2,748 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$13,741 |



Kirk Bus Facility Replacement - Phase 1 & 2

(Funding in Thousands)

Section 5307 Urbanized Area Formula Program (funding for capital projects) -ORIGINAL

| 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 | \$6,193 | \$1,548 | \$1,450 | \$363 | \$6,194 | \$1,549 | \$0 | \$0 | \$17,297 |
| 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 | \$6,193 | \$1,548 | \$1,450 | \$363 | \$6,194 | \$1,549 | \$0 | \$0 | \$17,297 |

Section 5339 (Bus and Bus Facilities Formula Program) - ORIGINAL

| 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 | \$3,639 | \$910 | \$3,712 | \$928 | \$0 | \$0 | \$0 | \$0 | \$9,189 |
| 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 | \$3,639 | \$910 | \$3,712 | \$928 | \$0 | \$0 | \$0 | \$0 | \$9,189 |

Congestion Mitigation and Air Quality

| 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 | \$0 | \$0 | \$14,001 | \$3,500 | \$0 | \$0 | \$0 | \$0 | \$17,501 |
| 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 | \$0 | \$0 | \$14,001 | \$3,500 | \$0 | \$0 | \$0 | \$0 | \$17,501 |
| Total | \$9,832 | \$2,458 | \$19,163 | \$4,791 | \$6,194 | \$1,549 | \$0 | \$0 | \$43,987 |





Kirk Bus Facility Replacement - Phase 1 & 2

(Funding in Thousands)

Section 5307 Urbanized Area Formula Program (funding for capital projects) -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 | \$16,518 | \$4,130 | \$1,450 | \$363 | \$6,194 | \$1,549 | \$0 | \$0 | \$30,204 |
| 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 | \$16,518 | \$4,130 | \$1,450 | \$363 | \$6,194 | \$1,549 | \$0 | \$0 | \$30,204 |

Section 5339 (Bus and Bus Facilities Formula Program) -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 | \$5,724 | \$1.431 | \$3,712 | \$928 | \$0 | \$0 | \$0 | \$0 | \$11,795 |
| 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 | \$5,724 | \$1,431 | \$3,712 | \$928 | \$0 | \$0 | \$0 | \$0 | \$11,795 |

Congestion Mitigation and Air Quality

| 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 | \$0 | \$0 | \$14,001 | \$3,500 | \$0 | \$0 | \$0 | \$0 | \$17,501 |
| 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 | \$0 | \$0 | \$14,001 | \$3,500 | \$0 | \$0 | \$0 | \$0 | \$17,501 |
| Total | \$22,242 | \$5.561 | \$19,163 | \$4,791 | \$6,194 | \$1,549 | \$0 | \$0 | \$59,500 |





Ridesharing - Baltimore Region

(Funding in Thousands)

Congestion Mitigation and Air Quality -ORIGINAL

| 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 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| OTH | \$1,550 | \$0 | \$1,550 | \$0 | \$1,550 | \$0 | \$1,550 | \$0 | \$6,200 |
| 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 | \$1,550 | \$0 | \$1,550 | \$0 | \$1,550 | \$0 | \$1,550 | \$0 | \$6,200 |
| Total | \$1,550 | \$0 | \$1,550 | \$0 | \$1,550 | \$0 | \$1,550 | \$0 | \$6,200 |
| 0.07.0890 | Mitigation and | Air Quality -UPD | ATE | | | | | | |
| Congestion | Mitigation and A FY 2016 Federal Funds | Air Quality -UPD FY 2016 Matching Funds | ATE 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 |
| Congestion Phase | FY 2016 Federal | FY 2016 Matching | FY 2017 Federal | Matching | Federal | Matching | Federal | Matching | Funding |
| Congestion Phase CON | FY 2016 Federal Funds | FY 2016 Matching Funds | FY 2017 Federal Funds | Matching Funds | Federal Funds | Matching Funds | Federal Funds | Matching Funds | Funding Request |
| Congestion Phase CON OTH | FY 2016 Federal Funds \$0 | FY 2016 Matching Funds \$0 | FY 2017 Federal Funds \$0 | Matching Funds \$0 | Federal Funds \$0 | Matching Funds \$0 | Federal Funds \$0 | Matching Funds \$0 | Funding Request \$0 |
| Congestion | FY 2016 Federal Funds \$0 \$666 | FY 2016 Matching Funds \$0 \$0 | FY 2017 Federal Funds \$0 \$666 | Matching Funds \$0 \$0 | Federal Funds \$0 \$666 | Matching Funds \$0 \$0 | Federal Funds \$0 \$666 | Matching Funds \$0 \$0 | Funding Request \$0 \$2,664 |
| Congestion Phase CON OTH PE | FY 2016 Federal Funds \$0 \$666 \$0 | FY 2016 Matching Funds \$0 \$0 \$0 | FY 2017 Federal Funds \$0 \$666 \$0 | Matching Funds \$0 \$0 \$0 | Federal Funds \$0 \$666 \$0 | Matching Funds \$0 \$0 \$0 | Federal Funds \$0 \$666 \$0 | Matching Funds \$0 \$0 \$0 | Funding Request \$0 \$2,664 \$0 |
| Congestion Phase CON OTH PE PP | FY 2016 Federal Funds \$0 \$666 \$0 \$0 | FY 2016 Matching Funds \$0 \$0 \$0 \$0 | FY 2017 Federal Funds \$0 \$666 \$0 \$0 | Matching Funds \$0 \$0 \$0 \$0 | Federal Funds \$0 \$666 \$0 \$0 | Matching Funds \$0 \$0 \$0 \$0 | Federal Funds \$0 \$666 \$0 \$0 | Matching Funds \$0 \$0 \$0 \$0 | Funding Request \$0 \$2,664 \$0 \$0 |



