



**Maryland Department of Transportation**  
The Secretary's Office

**Lawrence J. Hogan, Jr.**  
Governor

**Boyd K. Rutherford**  
Lt. Governor

**Pete K. Rahn**  
Acting Secretary

February 10, 2015

Mr. Gregory Murrill  
Division Administrator  
Attn: Dr. Kwame Arhin  
Federal Highway Administration  
10 South Howard Street  
Suite 2450  
Baltimore, MD 21201

Mr. Reginald Lovelace  
Regional Administrator  
Attn: Ms. Kathleen Zubrzycki  
Federal Transit Administration  
1760 Market Street, Suite 500  
Philadelphia, PA 19103

RE: Administrative Modification to the Fiscal Year (FY) 2014 Maryland Statewide Transportation Improvement Program (STIP) in the Baltimore Region to update the Bus and Rail Preventive Maintenance and CMAQ Areawide.  
MDOT Control #14-47

Dear Mr. Murrill and Mr. Lovelace:

The Maryland Department of Transportation (MDOT) hereby modifies the FY 2014 Maryland STIP to reflect the shifting and adding of federal funding to an existing projects in the 2014-2017 Baltimore Regional Transportation Board's (BRTB) Transportation Improvement Program (TIP). Attached please find supporting documentation including the notification letters documenting the January 8, 2015, BRTB Executive Committee action approving the modifications. Brief descriptions of the action being taken on these projects are shown below:

- Bus and Rail Preventive Maintenance – shifts Section 5307 funds (\$2,269,000) from FY2016 and FY2017 to FY2015 and adds \$10,737,000 to FY 2015; and adds Section 5337 funding \$369,000 in FY2015, \$746,000 in FY2016, and \$1,133,000 in FY2017; and
- CMAQ Areawide – shifting funds from FY2013 to FY2015, \$897,000 of Federal CMAQ and \$373,000 in matching funds.

The Maryland Statewide Transportation Improvement Program continues to be fiscally constrained. If you have any questions or need additional information, please do not hesitate to contact me at 410-865-1295, toll-free at 888-713-1414 or via email at [mnixon@mdot.state.md.us](mailto:mnixon@mdot.state.md.us). Thank you for your assistance.

Mr. Gregory Murrill  
Mr. Reginald Lovelace  
Page Two

Sincerely,

A handwritten signature in blue ink that reads "Michael W. Nixon". The signature is written in a cursive style.

Michael W. Nixon, Manager  
Office of Planning and Capital Programming

Attachment

cc: Ms. Holly Arnold, Grants Administrator, Capital Programming, MTA  
Mr. Tyson Byrne, Regional Planner, Office of Planning and Capital Programming, MDOT  
Ms. Lyn Erickson, Manager Federal Liaison, Office of Planning and Capital Programming,  
MDOT  
Ms. Terri Lippa, Program Administrator, Capital Programming, MTA  
Ms. Heather Murphy, Deputy Director, Office of Planning and Capital  
Programming, MDOT

# 2014 MARYLAND STATEWIDE TIP

MDOT STIP # 40-1202-64, 14-02

## SUMMARY TABLE

| Project                             | Amendment Criteria (A/B/C/D)  | Conformity Status | Environmental Status | Current Funding Level |          |           | Net Change |         |          |
|-------------------------------------|---|-------------------|----------------------|-----------------------|----------|-----------|------------|---------|----------|
|                                     |   |                   |                      | Federal               | State    | Total     | Federal    | State   | Total    |
|                                     | B   | Exempt            |                      | 197,761.0             | 49,444.0 | 247,205.0 | -5,622.0   | 3,244.0 | -2,378.0 |
| Bus and Rail Preventive Maintenance | Administration  | Area/MPO          |                      |                       |          |           |            |         |          |
|                                     | MTA   | BRTB              |                      |                       |          |           |            |         |          |
| Description                         | The purpose of this project is to provide preventive maintenance on the transit system to improve safety, reliability, and passenger comfort. |                   |                      |                       |          |           |            |         |          |
| Justification                       | Regular preventive maintenance on the transit system will allow MTA to provide safe and reliable service.                                     |                   |                      |                       |          |           |            |         |          |

## INDIVIDUAL REQUEST FORM

| STIP/TIP Amendment Criteria   | Current    | Funding | Previous | FY2014 | FY2015 | FY2016 | FY2017   | FY2018  | Total   |
|---|------------|---------|----------|--------|--------|--------|----------|---------|---------|
|   |            | Total   | 54,181   | 48,256 | 48,256 | 48,256 | 48,256   | 48,256  | -       |
| Federal   | 43,345     | 38,604  | 38,604   | 38,604 | 38,604 | 38,604 | -        | 197,761 |         |
| State   | 10,836     | 9,652   | 9,652    | 9,652  | 9,652  | 9,652  | -        | 49,444  |         |
| <input type="checkbox"/> A Adds new individual projects to the current STIP/TIP.<br><input checked="" type="checkbox"/> B Increase/decrease, scope change, advance, delay, or phase change.<br><input checked="" type="checkbox"/> C Removes or deletes individual listed project from the STIP/TIP.<br><input type="checkbox"/> D Other: | Proposed   | Total   | 54,181   | 48,256 | 64,974 | 48,256 | 29,160   | -       | 244,827 |
|   |            | Federal | 43,345   | 38,604 | 51,979 | 38,604 | 19,607   | -       | 192,139 |
|   |            | State   | 10,836   | 9,652  | 12,995 | 9,652  | 9,553    | -       | 52,688  |
|   | Net Change | Total   | -        | -      | 16,718 | -      | (19,096) | -       | (2,378) |
|   |            | Federal | -        | -      | 13,375 | -      | (18,997) | -       | (5,622) |
|   |            | State   | -        | -      | 3,343  | -      | (99)     | -       | 3,244   |

## PHASE DETAIL (All dollars are displayed in \$1,000's)

| Fund Source 1 |               |              |               |              |               |              |               |              |               |              |         |       |                |               |
|---------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------|-------|----------------|---------------|
| Current PHASE | Previous      |              | FY2014        |              | FY2015        |              | FY2016        |              | FY2017        |              | FY2018  |       | TOTAL          |               |
|               | Federal       | State        | Federal | State | Total          |               |
| PP            |               |              |               |              |               |              |               |              |               |              |         |       | -              | -             |
| PE            |               |              |               |              |               |              |               |              |               |              |         |       | -              | -             |
| ROW           |               |              |               |              |               |              |               |              |               |              |         |       | -              | -             |
| CON           |               |              |               |              |               |              |               |              |               |              |         |       | -              | -             |
| OTH           | 31,800        | 7,950        | 20,130        | 5,033        | 20,130        | 5,033        | 20,130        | 5,033        | 20,130        | 5,033        |         |       | 112,320        | 28,082        |
| <b>TOTAL</b>  | <b>31,800</b> | <b>7,950</b> | <b>20,130</b> | <b>5,033</b> | <b>20,130</b> | <b>5,033</b> | <b>20,130</b> | <b>5,033</b> | <b>20,130</b> | <b>5,033</b> | -       | -     | <b>112,320</b> | <b>28,082</b> |

Source: 5307 Fed%: 80% State%: 20%

| Proposed PHASE | Previous      |              | FY2014        |              | FY2015        |              | FY2016        |              | FY2017        |              | FY2018  |       | TOTAL          |               |
|----------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------|-------|----------------|---------------|
|                | Federal       | State        | Federal | State | Total          |               |
| PP             |               |              |               |              |               |              |               |              |               |              |         |       | -              | -             |
| PE             |               |              |               |              |               |              |               |              |               |              |         |       | -              | -             |
| ROW            |               |              |               |              |               |              |               |              |               |              |         |       | -              | -             |
| CON            |               |              |               |              |               |              |               |              |               |              |         |       | -              | -             |
| OTH            | 31,800        | 7,950        | 20,130        | 5,033        | 33,136        | 8,284        | 19,384        | 4,846        | 18,607        | 4,652        |         |       | 123,057        | 30,765        |
| <b>TOTAL</b>   | <b>31,800</b> | <b>7,950</b> | <b>20,130</b> | <b>5,033</b> | <b>33,136</b> | <b>8,284</b> | <b>19,384</b> | <b>4,846</b> | <b>18,607</b> | <b>4,652</b> | -       | -     | <b>123,057</b> | <b>30,765</b> |

Source: 5307 Fed%: 80% State%: 20%

| Change PHASE | Previous |          | FY2014   |          | FY2015        |              | FY2016       |              | FY2017         |              | FY2018   |          | TOTAL         |              |
|--------------|----------|----------|----------|----------|---------------|--------------|--------------|--------------|----------------|--------------|----------|----------|---------------|--------------|
|              | Federal  | State    | Federal  | State    | Federal       | State        | Federal      | State        | Federal        | State        | Federal  | State    | Total         |              |
| PP           | -        | -        | -        | -        | -             | -            | -            | -            | -              | -            | -        | -        | -             | -            |
| PE           | -        | -        | -        | -        | -             | -            | -            | -            | -              | -            | -        | -        | -             | -            |
| ROW          | -        | -        | -        | -        | -             | -            | -            | -            | -              | -            | -        | -        | -             | -            |
| CON          | -        | -        | -        | -        | -             | -            | -            | -            | -              | -            | -        | -        | -             | -            |
| OTH          | -        | -        | -        | -        | 13,006        | 3,251        | (746)        | (187)        | (1,523)        | (381)        | -        | -        | 10,737        | 2,683        |
| <b>TOTAL</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>13,006</b> | <b>3,251</b> | <b>(746)</b> | <b>(187)</b> | <b>(1,523)</b> | <b>(381)</b> | <b>-</b> | <b>-</b> | <b>10,737</b> | <b>2,683</b> |

Source: 5307 Fed%: 80% State%: 20%

| Fund Source 2 |          |       |         |       |         |       |         |       |         |       |         |       |         |        |        |
|---------------|----------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|--------|--------|
| Current       | Previous |       | FY2014  |       | FY2015  |       | FY2016  |       | FY2017  |       | FY2018  |       | TOTAL   |        |        |
| PHASE         | Federal  | State | Federal | State | Federal | State | Federal | State | Federal | State | Federal | State | Federal | State  | Total  |
| PP            |          |       |         |       |         |       |         |       |         |       |         |       | -       | -      | -      |
| PE            |          |       |         |       |         |       |         |       |         |       |         |       | -       | -      | -      |
| ROW           |          |       |         |       |         |       |         |       |         |       |         |       | -       | -      | -      |
| CON           |          |       |         |       |         |       |         |       |         |       |         |       | -       | -      | -      |
| OTH           |          |       | 18,474  | 4,619 | 18,474  | 4,619 | 18,474  | 4,619 | 18,474  | 4,619 |         |       | 73,896  | 18,476 | 92,372 |
| TOTAL         | -        | -     | 18,474  | 4,619 | 18,474  | 4,619 | 18,474  | 4,619 | 18,474  | 4,619 | -       | -     | 73,896  | 18,476 | 92,372 |

Source: 5337 Fed%: 80% State%: 20%

| Fund Source 2 |          |       |         |       |         |       |         |       |         |       |         |       |         |        |        |
|---------------|----------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|--------|--------|
| Proposed      | Previous |       | FY2014  |       | FY2015  |       | FY2016  |       | FY2017  |       | FY2018  |       | TOTAL   |        |        |
| PHASE         | Federal  | State | Federal | State | Federal | State | Federal | State | Federal | State | Federal | State | Federal | State  | Total  |
| PP            |          |       |         |       |         |       |         |       |         |       |         |       | -       | -      | -      |
| PE            |          |       |         |       |         |       |         |       |         |       |         |       | -       | -      | -      |
| ROW           |          |       |         |       |         |       |         |       |         |       |         |       | -       | -      | -      |
| CON           |          |       |         |       |         |       |         |       |         |       |         |       | -       | -      | -      |
| OTH           |          |       | 18,474  | 4,619 | 18,843  | 4,711 | 19,220  | 4,806 | 19,607  | 4,901 |         |       | 76,144  | 19,037 | 95,181 |
| TOTAL         | -        | -     | 18,474  | 4,619 | 18,843  | 4,711 | 19,220  | 4,806 | 19,607  | 4,901 | -       | -     | 76,144  | 19,037 | 95,181 |

Source: 5337 Fed%: 80% State%: 20%

| Fund Source 2 |          |       |         |       |         |       |         |       |         |       |         |       |         |       |       |
|---------------|----------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|-------|
| Change        | Previous |       | FY2014  |       | FY2015  |       | FY2016  |       | FY2017  |       | FY2018  |       | TOTAL   |       |       |
| PHASE         | Federal  | State | Federal | State | Federal | State | Federal | State | Federal | State | Federal | State | Federal | State | Total |
| PP            | -        | -     | -       | -     | -       | -     | -       | -     | -       | -     | -       | -     | -       | -     | -     |
| PE            | -        | -     | -       | -     | -       | -     | -       | -     | -       | -     | -       | -     | -       | -     | -     |
| ROW           | -        | -     | -       | -     | -       | -     | -       | -     | -       | -     | -       | -     | -       | -     | -     |
| CON           | -        | -     | -       | -     | -       | -     | -       | -     | -       | -     | -       | -     | -       | -     | -     |
| OTH           | -        | -     | -       | -     | 369     | 92    | 746     | 187   | 1,133   | 282   | -       | -     | 2,248   | 561   | 2,809 |
| TOTAL         | -        | -     | -       | -     | 369     | 92    | 746     | 187   | 1,133   | 282   | -       | -     | 2,248   | 561   | 2,809 |

Source: 5337 Fed%: 80% State%: 20%

| Fund Source 3 |          |       |         |       |         |       |         |       |         |       |         |       |         |       |        |
|---------------|----------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|--------|
| Current       | Previous |       | FY2014  |       | FY2015  |       | FY2016  |       | FY2017  |       | FY2018  |       | TOTAL   |       |        |
| PHASE         | Federal  | State | Federal | State | Federal | State | Federal | State | Federal | State | Federal | State | Federal | State | Total  |
| PP            |          |       |         |       |         |       |         |       |         |       |         |       | -       | -     | -      |
| PE            |          |       |         |       |         |       |         |       |         |       |         |       | -       | -     | -      |
| ROW           |          |       |         |       |         |       |         |       |         |       |         |       | -       | -     | -      |
| CON           |          |       |         |       |         |       |         |       |         |       |         |       | -       | -     | -      |
| OTH           | 11,545   | 2,886 |         |       |         |       |         |       |         |       |         |       | 11,545  | 2,886 | 14,431 |
| TOTAL         | 11,545   | 2,886 | -       | -     | -       | -     | -       | -     | -       | -     | -       | -     | 11,545  | 2,886 | 14,431 |

Source: 5309 Fed%: 80% State%: 20%

# 2014 MARYLAND STATEWIDE TIP

MDOT STIP # 80-0801-09

## SUMMARY TABLE

| Project       | Amendment Criteria (A/B/C/D) | Conformity Status | Environmental Status | Current Funding Level |       |         | Net Change |       |       |
|---------------|------------------------------|-------------------|----------------------|-----------------------|-------|---------|------------|-------|-------|
|               |                              |                   |                      | Federal               | State | Total   | Federal    | State | Total |
|               | B                            | Not Exempt        |                      | 1,697.0               | 533.0 | 2,230.0 | 0.0        | 0.0   | 0.0   |
| CMAQ Areawide |                              | Administration    | Area/MPO             |                       |       |         |            |       |       |
|               |                              | BMC               | BRTB                 |                       |       |         |            |       |       |

**Description** The BRTB will use a competitive selection process to select Congestion Mitigation and Air Quality Improvement Program (CMAQ) projects in FY2014. CMAQ projects are intended to reduce air pollution emissions from the transportation sector.

**Justification** The Baltimore region is nonattainment for both the 8-hour ground-level ozone standard and the fine particulate matter standard. Projects will be chosen that reduce emissions in the Baltimore region.

## INDIVIDUAL REQUEST FORM

### STIP/TIP Amendment Criteria

- A Adds new individual projects to the current STIP/TIP.
- B Increase/decrease, scope change, advance, delay, or phase change.
- C Removes or deletes individual listed project from the STIP/TIP.
- D Other:



|            | Funding | Previous | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | Total |
|------------|---------|----------|--------|--------|--------|--------|--------|-------|
| Current    | Total   | 1,270    | 960    | -      | -      | -      | -      | 2,230 |
|            | Federal | 897      | 800    | -      | -      | -      | -      | 1,697 |
|            | State   | 373      | 160    | -      | -      | -      | -      | 533   |
| Proposed   | Total   | -        | 960    | 1,270  | -      | -      | -      | 2,230 |
|            | Federal | -        | 800    | 897    | -      | -      | -      | 1,697 |
|            | State   | -        | 160    | 373    | -      | -      | -      | 533   |
| Net Change | Total   | (1,270)  | -      | 1,270  | -      | -      | -      | -     |
|            | Federal | (897)    | -      | 897    | -      | -      | -      | -     |
|            | State   | (373)    | -      | 373    | -      | -      | -      | -     |

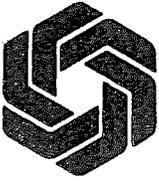
## PHASE DETAIL (All dollars are displayed in \$1,000's)

| Fund Source 1    |          |       |         |       |         |       |         |         |         |       |         |       |         |       |
|------------------|----------|-------|---------|-------|---------|-------|---------|---------|---------|-------|---------|-------|---------|-------|
| Current<br>PHASE | Previous |       | FY2014  |       | FY2015  |       | FY2016  |         | FY2017  |       | FY2018  |       | TOTAL   |       |
|                  | Federal  | State | Federal | State | Federal | State | Federal | State   | Federal | State | Federal | State | Federal | State |
| PP               |          |       |         |       |         |       |         |         |         |       |         |       |         |       |
| PE               |          |       |         |       |         |       |         |         |         |       |         |       |         |       |
| ROW              |          |       |         |       |         |       |         |         |         |       |         |       |         |       |
| CON              |          | 897   |         | 373   |         | 800   |         | 160     |         |       |         |       |         |       |
| OTH              |          |       |         |       |         |       |         |         |         |       |         |       |         |       |
| <b>TOTAL</b>     |          | 897   |         | 373   |         | 800   |         | 160     |         |       |         |       |         |       |
| Source:          |          | CMAQ  |         | Fed%: |         | 76%   |         | State%: |         | 24%   |         |       |         |       |

| Proposed<br>PHASE | Previous |       | FY2014  |       | FY2015  |       | FY2016  |         | FY2017  |       | FY2018  |       | TOTAL   |       |
|-------------------|----------|-------|---------|-------|---------|-------|---------|---------|---------|-------|---------|-------|---------|-------|
|                   | Federal  | State | Federal | State | Federal | State | Federal | State   | Federal | State | Federal | State | Federal | State |
| PP                |          |       |         |       |         |       |         |         |         |       |         |       |         |       |
| PE                |          |       |         |       |         |       |         |         |         |       |         |       |         |       |
| ROW               |          |       |         |       |         |       |         |         |         |       |         |       |         |       |
| CON               |          |       |         |       |         | 800   |         | 160     |         |       |         |       |         |       |
| OTH               |          |       |         |       |         |       |         |         |         |       |         |       |         |       |
| <b>TOTAL</b>      |          |       |         |       |         | 800   |         | 160     |         |       |         |       |         |       |
| Source:           |          | CMAQ  |         | Fed%: |         | 76%   |         | State%: |         | 24%   |         |       |         |       |

| Change<br>PHASE | Previous |       | FY2014  |       | FY2015  |       | FY2016  |         | FY2017  |       | FY2018  |       | TOTAL   |       |
|-----------------|----------|-------|---------|-------|---------|-------|---------|---------|---------|-------|---------|-------|---------|-------|
|                 | Federal  | State | Federal | State | Federal | State | Federal | State   | Federal | State | Federal | State | Federal | State |
| PP              |          |       |         |       |         |       |         |         |         |       |         |       |         |       |
| PE              |          |       |         |       |         |       |         |         |         |       |         |       |         |       |
| ROW             |          |       |         |       |         |       |         |         |         |       |         |       |         |       |
| CON             |          | (897) |         | (373) |         |       |         |         |         |       |         |       |         |       |
| OTH             |          |       |         |       |         |       |         |         |         |       |         |       |         |       |
| <b>TOTAL</b>    |          | (897) |         | (373) |         |       |         |         |         |       |         |       |         |       |
| Source:         |          | CMAQ  |         | Fed%: |         | 76%   |         | State%: |         | 24%   |         |       |         |       |

# Baltimore Metropolitan Council



Offices @ McHenry Row  
1500 Whetstone Way, Suite 300  
Baltimore, MD 21230-4767

Telephone: (410) 732-0500  
Fax: (410) 732-8248  
www.balfo metro.org

Anne Arundel County  
Baltimore City  
Baltimore County  
Carroll County  
Harford County  
Howard County

January 9, 2015

Mr. Don Halligan  
Office of Planning & Capital Programming  
**ATTN: TYSON BYRNE**  
Maryland Department of Transportation  
7201 Corporate Center Drive  
P.O. Box 548  
Hanover, MD 21076

Dear Mr. Halligan:

Enclosed is an Administrative Modification to the 2014 – 2017 Baltimore Region Transportation Improvement Program (TIP) as approved by the BRTB Executive Committee on January 8, 2015. The Maryland Transit Administration (MTA) requested to add/update funding for the Bus and Rail Preventive Maintenance project.

The MTA is preparing to submit a grant application to the Federal Transit Administration and reviewed the funding tables in the TIP to assure that amounts to be obligated matched the appropriate years as needed. The project is in the current TIP and the funding change is within the threshold allowed for an Administrative Modification.

Pursuant to the prescribed Transportation Improvement Program amendment process, the BRTB Executive Committee approved this change to the 2014 – 2017 TIP.

If you have any questions, please call me.

Sincerely,

A handwritten signature in black ink, appearing to read "Todd R. Lang", written over a horizontal line.

Todd R. Lang, Director  
Transportation Planning

Enclosures

cc: Ms. Terri Lipa, Maryland Transit Administration



MTA - Transit

### 2014 - 2017 Transportation Improvement Program

Transit

## Bus and Rail Preventive Maintenance

|                   |               |                   |                               |
|-------------------|---------------|-------------------|-------------------------------|
| TIP ID            | 40-1204-64    | Year of Operation | Ongoing                       |
| Agency            | MTA - Transit | Project Type      | Preservation and improvements |
| Project Category  | Transit       | Functional Class  |                               |
| Conformity Status | Exempt        | Physical Data     | NA                            |
| CIP or CTP ID(s)  | NA            | Est. Total Cost   | \$209,253,000                 |

**Description:**

Provides preventative maintenance on the Bus, Light Rail and Metro systems to improve safety, reliability and passenger comfort.

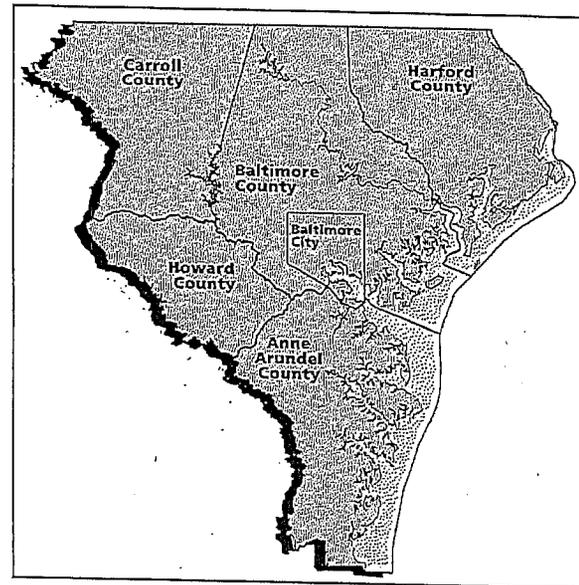
**Justification:**

Regular preventative maintenance on the transit system will allow MTA to provide safe and reliable service. Proper maintenance extends the useful life of transit vehicles.

**Administrative Modification:** Update the funding made available due to shifting funding from other projects.

**Connection to Long-Range Transportation Planning Goals:**

2.C Preserve the Existing Infrastructure -- Replace aging transit vehicle on a timely, systematic basis





MTA - Transit

2014 - 2017 Transportation Improvement Program

Transit

Bus and Rail Preventive Maintenance

(Funding in Thousands)

Section 5337 (State of Good Repair Formula Program) (Original)

| Phase        | FY 2014<br>Federal<br>Funds | FY 2014<br>Matching<br>Funds | FY 2015<br>Federal<br>Funds | FY 2015<br>Matching<br>Funds | FY 2016<br>Federal<br>Funds | FY 2016<br>Matching<br>Funds | FY 2017<br>Federal<br>Funds | FY 2017<br>Matching<br>Funds | Total Four-Year<br>Funding<br>Request |
|--------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|---------------------------------------|
| CON          | \$0                         | \$0                          | \$0                         | \$0                          | \$0                         | \$0                          | \$0                         | \$0                          | \$0                                   |
| OTH          | \$18,474                    | \$4,619                      | \$18,474                    | \$4,619                      | \$18,474                    | \$4,619                      | \$18,474                    | \$4,619                      | \$92,372                              |
| 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     | \$18,474                    | \$4,619                      | \$18,474                    | \$4,619                      | \$18,474                    | \$4,619                      | \$18,474                    | \$4,619                      | \$92,372                              |
| <b>Total</b> | <b>\$38,604</b>             | <b>\$9,652</b>               | <b>\$38,604</b>             | <b>\$9,652</b>               | <b>\$38,604</b>             | <b>\$9,652</b>               | <b>\$38,604</b>             | <b>\$9,652</b>               | <b>\$193,024</b>                      |

Section 5337 (State of Good Repair Formula Program) (Updated)

| Phase        | FY 2014<br>Federal<br>Funds | FY 2014<br>Matching<br>Funds | FY 2015<br>Federal<br>Funds | FY 2015<br>Matching<br>Funds | FY 2016<br>Federal<br>Funds | FY 2016<br>Matching<br>Funds | FY 2017<br>Federal<br>Funds | FY 2017<br>Matching<br>Funds | Total Four-Year<br>Funding<br>Request |
|--------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|---------------------------------------|
| CON          | \$0                         | \$0                          | \$0                         | \$0                          | \$0                         | \$0                          | \$0                         | \$0                          | \$0                                   |
| OTH          | \$18,474                    | \$4,619                      | \$18,843                    | \$4,711                      | \$19,220                    | \$4,806                      | \$19,607                    | \$4,901                      | \$95,181                              |
| 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     | \$18,474                    | \$4,619                      | \$18,843                    | \$4,711                      | \$19,220                    | \$4,806                      | \$19,607                    | \$4,901                      | \$95,181                              |
| <b>Total</b> | <b>\$38,604</b>             | <b>\$9,652</b>               | <b>\$51,979</b>             | <b>\$12,995</b>              | <b>\$38,604</b>             | <b>\$9,652</b>               | <b>\$38,214</b>             | <b>\$9,553</b>               | <b>\$209,253</b>                      |



Bus and Rail Preventive Maintenance

(Funding in Thousands)

Section 5307 Urbanized Area Formula (Original)

| Phase    | FY 2014<br>Federal<br>Funds | FY 2014<br>Matching<br>Funds | FY 2015<br>Federal<br>Funds | FY 2015<br>Matching<br>Funds | FY 2016<br>Federal<br>Funds | FY 2016<br>Matching<br>Funds | FY 2017<br>Federal<br>Funds | FY 2017<br>Matching<br>Funds | Total Four-Year<br>Funding<br>Request |
|----------|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|---------------------------------------|
| CON      | \$0                         | \$0                          | \$0                         | \$0                          | \$0                         | \$0                          | \$0                         | \$0                          | \$0                                   |
| OTH      | \$20,130                    | \$5,033                      | \$20,130                    | \$5,033                      | \$20,130                    | \$5,033                      | \$20,130                    | \$5,033                      | \$100,652                             |
| 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 | \$20,130                    | \$5,033                      | \$20,130                    | \$5,033                      | \$20,130                    | \$5,033                      | \$20,130                    | \$5,033                      | \$100,652                             |

Section 5307 Urbanized Area Formula (Updated)

| Phase    | FY 2014<br>Federal<br>Funds | FY 2014<br>Matching<br>Funds | FY 2015<br>Federal<br>Funds | FY 2015<br>Matching<br>Funds | FY 2016<br>Federal<br>Funds | FY 2016<br>Matching<br>Funds | FY 2017<br>Federal<br>Funds | FY 2017<br>Matching<br>Funds | Total Four-Year<br>Funding<br>Request |
|----------|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|---------------------------------------|
| CON      | \$0                         | \$0                          | \$0                         | \$0                          | \$0                         | \$0                          | \$0                         | \$0                          | \$0                                   |
| OTH      | \$20,130                    | \$5,033                      | \$33,136                    | \$8,284                      | \$19,384                    | \$4,846                      | \$18,607                    | \$4,652                      | \$114,072                             |
| 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 | \$20,130                    | \$5,033                      | \$33,136                    | \$8,284                      | \$19,384                    | \$4,846                      | \$18,607                    | \$4,652                      | \$114,072                             |



**MARYLAND TRANSIT ADMINISTRATION**

**MARYLAND DEPARTMENT OF TRANSPORTATION**

Martin O'Malley, Governor • Anthony G. Brown, Lt. Governor  
James T. Smith, Jr., Secretary • Robert L. Smith, Administrator

**MEMORANDUM**

**TO:** Mr. Don Halligan, Director  
Office of Planning and Capital Programming

**ATTN:** Mr. Mike Nixon *pk*

**FROM:** Mr. Kevin Quinn, Director  
MTA Office of Planning

**DATE:** December 1, 2014

**SUBJECT:** Administrative Modification to the Baltimore Region FY 2014 TIP  
Bus and Rail Preventive Maintenance project

We are requesting an Administrative Modification to the Baltimore Region FY 2014 Transportation Improvement Program (TIP) to update the existing Bus and Rail Preventive Maintenance project. The federal funds on the attached TIP sheet have been updated with funds made available due to shifting funding from other projects.

After your review, please process the requested modification with the Baltimore Metropolitan Council for inclusion in the FY 2014-2017 TIP. If you have any questions, please do not hesitate to contact Terri Lippa, MTA Office of Planning at 410-767-3759 or via email at [Tlippa@mta.maryland.gov](mailto:Tlippa@mta.maryland.gov).

cc: Mr. Tyson Byrne, Regional Planner, Office of Planning, MDOT

2014 – 2017 Transportation Improvement Program

MTA – Transit

Transit

*Bus and Rail Preventive Maintenance*

|                   |               |                   |                               |
|-------------------|---------------|-------------------|-------------------------------|
| TIP Id #          | 40-1204-64    | Year of Operation | On-going                      |
| Agency            | MTA – Transit | Project Type      | Preservation and Improvements |
| Project Category  | Transit       | Functional Class  | NA                            |
| Conformity Status | Exempt        | Physical Data     | NA                            |
| CTP Reference #   | NA            |                   |                               |

| Description   | Justification   |
|---|---|
| Provides preventive maintenance on the transit system to improve safety, reliability and passenger comfort. | Regular preventive maintenance on the transit system will allow MTA to provide safe and reliable service. |

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

| Phase  | Previous Requests      |                         | Annual Element        |                        | Federal Funding Requests |                        |                       |                        |                       |                        | Project Totals          |
|--------|------------------------|-------------------------|-----------------------|------------------------|--------------------------|------------------------|-----------------------|------------------------|-----------------------|------------------------|-------------------------|
|        | Previous Federal Funds | Previous Matching Funds | FY 2014 Federal Funds | FY 2014 Matching Funds | FY 2015 Federal Funds    | FY 2015 Matching Funds | FY 2016 Federal Funds | FY 2016 Matching Funds | FY 2017 Federal Funds | FY 2017 Matching Funds | Estimated Project Total |
| CON    |                        |                         |                       |                        |                          |                        |                       |                        |                       |                        | \$0                     |
| OTH    | \$31,800               | \$7,950                 | \$20,130              | \$5,033                | \$33,136                 | \$8,284                | \$19,384              | \$4,846                | \$18,607              | \$4,652                | \$153,822               |
| PE     |                        |                         |                       |                        |                          |                        |                       |                        |                       |                        | \$0                     |
| PP     |                        |                         |                       |                        |                          |                        |                       |                        |                       |                        | \$0                     |
| ROW    |                        |                         |                       |                        |                          |                        |                       |                        |                       |                        | \$0                     |
| Totals | \$31,800               | \$7,950                 | \$20,130              | \$5,033                | \$33,136                 | \$8,284                | \$19,384              | \$4,846                | \$18,607              | \$4,652                | \$153,822               |

2014 - 2017 Transportation Improvement Program

MTA - Transit

Transit

*Bus and Rail Preventive Maintenance*

Section 5337 State of Good Repair Formula Program (funding for capital projects)

| Phase  | Previous Requests      |                         | Annual Element        |                        | Federal Funding Requests |                        |                       |                        |                       |                        | Project Totals          |
|--------|------------------------|-------------------------|-----------------------|------------------------|--------------------------|------------------------|-----------------------|------------------------|-----------------------|------------------------|-------------------------|
|        | Previous Federal Funds | Previous Matching Funds | FY 2014 Federal Funds | FY 2014 Matching Funds | FY 2015 Federal Funds    | FY 2015 Matching Funds | FY 2016 Federal Funds | FY 2016 Matching Funds | FY 2017 Federal Funds | FY 2017 Matching Funds | Estimated Project Total |
| CON    |                        |                         |                       |                        |                          |                        |                       |                        |                       |                        | \$0                     |
| OTH    | \$0                    | \$0                     | \$18,474              | \$4,619                | \$18,843                 | \$4,711                | \$19,220              | \$4,806                | \$19,607              | \$4,901                | \$95,181                |
| PE     |                        |                         |                       |                        |                          |                        |                       |                        |                       |                        | \$0                     |
| PP     |                        |                         |                       |                        |                          |                        |                       |                        |                       |                        | \$0                     |
| ROW    |                        |                         |                       |                        |                          |                        |                       |                        |                       |                        | \$0                     |
| Totals | \$0                    | \$0                     | \$18,474              | \$4,619                | \$18,843                 | \$4,711                | \$19,220              | \$4,805                | \$19,607              | \$4,901                | \$95,181                |

Funding Source(s) Total

|        | Previous Federal Funds | Previous Matching Funds | FY 2014 Federal Funds | FY 2014 Matching Funds | FY 2015 Federal Funds | FY 2015 Matching Funds | FY 2016 Federal Funds | FY 2016 Matching Funds | FY 2017 Federal Funds | FY 2017 Matching Funds | Estimated Project Total |
|--------|------------------------|-------------------------|-----------------------|------------------------|-----------------------|------------------------|-----------------------|------------------------|-----------------------|------------------------|-------------------------|
| Totals | \$31,800               | \$7,950                 | \$38,604              | \$9,652                | \$51,979              | \$12,995               | \$38,604              | \$9,652                | \$38,214              | \$9,553                | \$249,003               |



# Baltimore Metropolitan Council



Offices @ McHenry Row  
1500 Whetstone Way, Suite 300  
Baltimore, MD 21230-4767

Telephone: (410) 732-0500  
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Anne Arundel County  
Baltimore City  
Baltimore County  
Carroll County  
Harford County  
Howard County

January 15, 2015

Mr. Don Halligan  
Office of Planning & Capital Programming  
**ATTN: TYSON BYRNE**  
Maryland Department of Transportation  
7201 Corporate Center Drive  
P.O. Box 548  
Hanover, MD 21076

Dear Mr. Halligan:

Enclosed is an Administrative Modification to the 2014 – 2017 Baltimore Region Transportation Improvement Program (TIP) as approved by the BRTB Executive Committee on January 8, 2015.

The Maryland Transit Administration is preparing to obligate funds in FY 2105 that were previously programmed in earlier years for Howard County CMAQ projects that were earlier approved by the BRTB.

Pursuant to the prescribed Transportation Improvement Program amendment process, the BRTB Executive Committee approved this change to the 2014 – 2017 TIP.

If you have any questions, please call me.

Sincerely,

Todd R. Lang, Director  
Transportation Planning

Enclosures

cc: Ms. Terri Lipka, Maryland Transit Administration



BMC

### 2014 - 2017 Transportation Improvement Program

Emission Reduction Strategy

#### CMAQ Areawide

|                   |                             |                   |             |
|-------------------|-----------------------------|-------------------|-------------|
| TIP ID            | 80-0801-09                  | Year of Operation | Ongoing     |
| Agency            | BMC                         | Project Type      | Other ERS   |
| Project Category  | Emission Reduction Strategy | Functional Class  | NA          |
| Conformity Status | Exempt                      | Physical Data     | NA          |
| CIP or CTP ID(s)  |                             | Est. Total Cost   | \$2,230,000 |

**Description:**

The BRTB will use a competitive selection process to select Congestion Mitigation and Air Quality Improvement Program (CMAQ) projects in FY 2014. CMAQ projects are intended to reduce air pollution emissions from the transportation sector.

**Justification:**

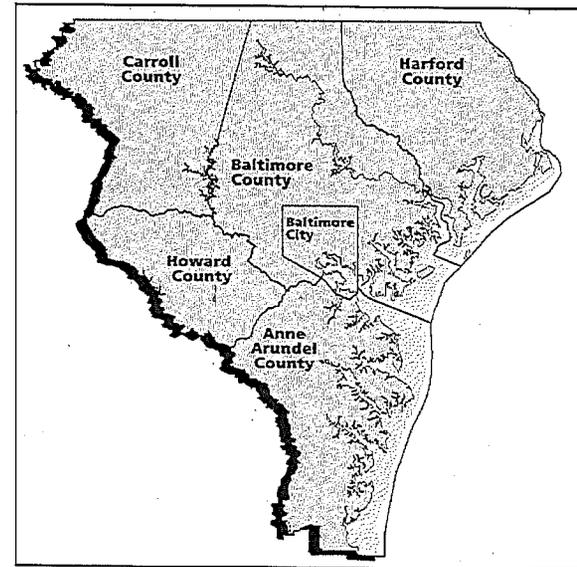
The Baltimore region is nonattainment for both the 8-hour ground-level ozone standard and the fine particulate matter standard. Projects will be chosen that reduce emissions in the Baltimore region.

**Administrative Modification:**

Obligate funds in FY 2015 that were originally programmed in FY 2013 and FY 2013 for 3 Howard County projects.

**Connection to Long-Range Transportation Planning Goals:**

- 5.C Preserve the Environment -- Promote efficient use of energy resources by supporting fuel efficient technologies and alternative fuel use
- 5.A Preserve the Environment -- Ensure that the region conforms to the applicable state air quality plan by developing programs to reduce congestion (e.g., provide alternatives to the use of single-occupant passenger vehicles through Travel Demand Management (TDM) techniques), reduce growth in mobile





BMC

2014 - 2017 Transportation Improvement Program

Emission Reduction Strategy

CMAQ Areawide

(Funding in Thousands)

Congestion Mitigation and Air Quality (Original)

| Phase        | FY 2014<br>Federal<br>Funds | FY 2014<br>Matching<br>Funds | FY 2015<br>Federal<br>Funds | FY 2015<br>Matching<br>Funds | FY 2016<br>Federal<br>Funds | FY 2016<br>Matching<br>Funds | FY 2017<br>Federal<br>Funds | FY 2017<br>Matching<br>Funds | Total Four-Year<br>Funding<br>Request |
|--------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|---------------------------------------|
| CON          | \$800                       | \$160                        | \$0                         | \$0                          | \$0                         | \$0                          | \$0                         | \$0                          | \$960                                 |
| 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     | \$800                       | \$160                        | \$0                         | \$0                          | \$0                         | \$0                          | \$0                         | \$0                          | \$960                                 |
| <b>Total</b> | <b>\$800</b>                | <b>\$160</b>                 | <b>\$0</b>                  | <b>\$0</b>                   | <b>\$0</b>                  | <b>\$0</b>                   | <b>\$0</b>                  | <b>\$0</b>                   | <b>\$960</b>                          |

Congestion Mitigation and Air Quality (Updated)

| Phase        | FY 2014<br>Federal<br>Funds | FY 2014<br>Matching<br>Funds | FY 2015<br>Federal<br>Funds | FY 2015<br>Matching<br>Funds | FY 2016<br>Federal<br>Funds | FY 2016<br>Matching<br>Funds | FY 2017<br>Federal<br>Funds | FY 2017<br>Matching<br>Funds | Total Four-Year<br>Funding<br>Request |
|--------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|---------------------------------------|
| CON          | \$800                       | \$160                        | \$897                       | \$373                        | \$0                         | \$0                          | \$0                         | \$0                          | \$2,230                               |
| 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     | \$800                       | \$160                        | \$897                       | \$373                        | \$0                         | \$0                          | \$0                         | \$0                          | \$2,230                               |
| <b>Total</b> | <b>\$800</b>                | <b>\$160</b>                 | <b>\$897</b>                | <b>\$373</b>                 | <b>\$0</b>                  | <b>\$0</b>                   | <b>\$0</b>                  | <b>\$0</b>                   | <b>\$2,230</b>                        |