
October 26, 2023 (Revised Nov. 3, 2023)

Ms. Valeriya Remezova
Division Administrator
Attn: Ms. Jasmine Champion
Federal Highway Administration
Maryland Division
George H. Fallon Federal Building
31 Hopkins Plaza, Suite 1520
Baltimore MD 21201

Ms. Terry Garcia Crews
Regional Administrator
Attn: Mr. Daniel Koenig
Federal Transit Administration, Region III
1835 Market Street, Suite 1910
Philadelphia PA 19103-2968

Dear Ms. Remezova and Ms. Crews:

The Maryland Department of Transportation (MDOT) hereby amends the Fiscal Year (FY) 2022-2025 Maryland Statewide Transportation Improvement Program (STIP) to include the Baltimore Regional Transportation Board (BRTB) FY 2024-2027 Transportation Improvement Program (TIP) which was approved by the BRTB on July 25, 2023.

The Federal Transit Administration (FTA) and Federal Highway Administration (FHWA) coordinated the transportation air quality conformity determination with the Environmental Protection Agency (EPA), signed September 25, 2023. The MDOT has assigned Control #22-84 for this amendment. The document can be accessed by the following link:
<https://www.baltometro.org/transportation/plans/short-range-transportation-improvement-program>.

The Maryland Statewide Transportation Improvement Program continues to be fiscally constrained.

Ms. Valeriya Remezova
Ms. Terry Garcia Crews
Page Two

Should you have additional questions or concerns, please contact Mr. Dan Janousek at 410-865-1098, toll free 888-713-1414 or via e-mail at djanousek@mdot.state.md.us, of course, feel free to contact me directly.

Sincerely,

A handwritten signature in black ink that reads "Tyson Byrne". The signature is fluid and cursive, with the first name "Tyson" and last name "Byrne" clearly legible.

Tyson Byrne
Regional Planning Manager,
Office of Planning and Capital Programming

Attachments

cc: Mr. Dan Janousek, Regional Planner, OPCP, MDOT

BALTIMORE METROPOLITAN PLANNING ORGANIZATION

BALTIMORE REGIONAL TRANSPORTATION BOARD

RESOLUTION #24-1

APPROVAL OF RESILIENCE 2050: ADAPTING TO THE CHALLENGES OF TOMORROW (RESILIENCE 2050), 2024 – 2027 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AND THE ASSOCIATED CONFORMITY DETERMINATION OF RESILIENCE 2050 AND TIP

WHEREAS, the Baltimore Regional Transportation Board is the designated Metropolitan Planning Organization for the Baltimore region, encompassing the Baltimore Urbanized Area, and includes official representatives of the cities of Annapolis and Baltimore, the counties of Anne Arundel, Baltimore, Carroll, Harford, Howard, and Queen Anne's as well as representatives of the Maryland Department of Transportation, the Maryland Department of the Environment, the Maryland Department of Planning, the Maryland Transit Administration, and Annapolis Transit; and

WHEREAS, the Baltimore Regional Transportation Board, as the Metropolitan Planning Organization for the Baltimore region, is required under the Infrastructure and Investment Jobs Act (IIJA) to complete a long-range transportation plan and transportation improvement program at least every four years for the Baltimore region; and

WHEREAS, the Baltimore Regional Transportation Board has coordinated with Baltimore Metropolitan Council staff to ensure its compliance with IIJA requirements and documented in the Metropolitan Transportation Planning regulations (May 27, 2016 *Federal Register*); and

WHEREAS, development of the long-range transportation plan results from a continuous, cooperative and comprehensive planning process and considers and integrates as appropriate the federal planning factors documented in the Metropolitan Transportation Planning regulations; and

WHEREAS, the FY 2024-2027 Baltimore Region Transportation Improvement Program is a prioritized program of transportation projects which are financially constrained by year and includes a financial plan that demonstrates that projects can be implemented using available revenue sources; and

WHEREAS, the Baltimore Regional Transportation Board, in accordance with IIJA, developed a list of highway and transit projects, as well as a set-aside for transportation system management and operations, complete streets – bicycle and pedestrian, and transportation emission reduction measures for the Baltimore region, referred to as the Preferred Alternative; and

WHEREAS, the Baltimore Regional Transportation Board, as the Metropolitan Planning Organization for the Baltimore region, is required under Clean Air Act Amendments of 1990 and the U.S. Environmental Protection Agency's Transportation Conformity Rule to conduct analyses to ensure that the region's transportation plans and programs conform with the State Implementation Plan (SIP); and

WHEREAS, the conformity analysis as reported in the "Conformity Determination of *Resilience 2050* and the 2024 - 2027 Transportation Improvement Program," dated May 2023, provides the basis for a finding of conformity to 8-hour ozone National Ambient Air Quality Standards (NAAQS) SIP for the Baltimore region, which includes meeting the 2012 Reasonable Further Progress motor vehicle emission budgets as determined adequate by U.S. EPA. This addresses three ozone NAAQS: 1997, 2008 and 2015. (Attachment 1: Tables 1 and 2); and

WHEREAS, opportunities for public comment were provided – including a 35-day public comment period, seven public meetings (one held in each jurisdiction), a virtual public meeting, and regularly scheduled meetings of the Baltimore Regional Transportation Board, Interagency Consultation Group and Technical Committee – with respect to the Draft *Resilience 2050, 2024 – 2027 TIP* - and the methodology and results of the conformity analysis – and these comments were duly considered by the Metropolitan Planning Organization in this deliberation process; and

WHEREAS, a range of outreach strategies was employed to share information about *Resilience 2050*, the 2024 – 2027 TIP and the Conformity Determination supported by opportunities for public comment, including seven public meetings, one virtual meeting, and informational on-demand multimedia presentations. A 35-day review was offered and numerous public comments were considered by the BRTB.

NOW, THEREFORE, BE IT RESOLVED that the Baltimore Regional Transportation Board approves *Resilience 2050: Adapting to the Challenges of Tomorrow (Resilience 2050)*, the 2024 – 2027 Transportation Improvement Program (TIP) and the associated *Conformity Determination of Resilience 2050 and the TIP*.

I HEREBY CERTIFY that the Baltimore Regional Transportation Board, as the Metropolitan Planning Organization for the Baltimore region, approved the aforementioned resolution at its July 25, 2023 meeting.

7-25-23

Date



D'Andrea Walker, Chair
Baltimore Regional Transportation Board

Table 1. VOC Emissions Test Results (average summer weekday, tons/day)

	2023	2025	2035	2045	2050
Total Emissions	16.986	15.232	10.047	9.261	9.259
Conformity Budget¹	40.2	40.2	40.2	40.2	40.2
Conformity Result	PASS	PASS	PASS	PASS	PASS

¹ 2012, 8-hour ozone Reasonable Further Progress (RFP) SIP budget for the Baltimore region (motor vehicle emission budgets determined adequate by EPA on February 22, 2016)

Table 2. Weekday NOx Emissions Test Results (average summer weekday, tons/day)

	2023	2025	2035	2045	2050
Total Emissions	30.551	25.433	17.586	17.514	18.132
Conformity Budget¹	93.5	93.5	93.5	93.5	93.5
Conformity Result	PASS	PASS	PASS	PASS	PASS

¹ 2012, 8-hour ozone Reasonable Further Progress (RFP) SIP budget for the Baltimore region (motor vehicle emission budgets determined adequate by EPA on February 22, 2016)



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, Pennsylvania 19103-2852**

Ms. Valeriya Remezova
Division Administrator, FHWA – Maryland Division
George H. Fallon Federal Building
Federal Highway Administration
31 Hopkins Plaza, Suite 1520
Baltimore, Maryland 21201

Via email at Valeriya.Remezova@dot.gov

Dear Ms. Remezova:

This letter provides the U.S. Environmental Protection Agency's (EPA) response regarding the Baltimore Metropolitan Region for the 1997 8-hour ozone national ambient air quality standard (NAAQS), 2008 8-hour ozone NAAQS, and the 2015 8-hour ozone NAAQS for the Fiscal Year (FY) 2024-2027 Baltimore Metropolitan Transportation Improvement Program (TIP) and Resilience 2050 Long Range Transportation Plan (LRTP), which were adopted by the Baltimore Regional Transportation Board (BRTB). EPA has reviewed the conformity determinations in accordance with the procedures and criteria of the Transportation Conformity Rule contained in 40 CFR part 93.

EPA's review of the conformity determinations for the Baltimore Region indicates that the determination meets the requirements of the Clean Air Act and the applicable regulations promulgated under 40 CFR part 93. Enclosed, please find EPA's detailed evaluation titled "Technical Support Document for the Review of the 1997 8-Hour Ozone National Ambient Air Quality Standard (NAAQS), the 2008 8-Hour Ozone NAAQS, and the 2015 8-Hour Ozone NAAQS Conformity Determinations for the Fiscal Year (FY) 2024-2027 Baltimore Metropolitan Transportation Improvement Program (TIP) and Resilience 2050 Long Range Transportation Plan (LRTP)." It should be noted that in the technical support document, EPA is deferring to the Federal Highway Administration (FHWA) on the question of whether the Resilience 2050 LRTP and TIP are fiscally constrained. EPA concurs on the overall conformity determination based on the FHWA's determination that the Resilience 2050 LRTP and TIP are fiscally constrained.

Please feel free to call Mr. Michael Gordon, Chief, Planning & Implementation Branch, at 215-814-2039, or Mr. Gregory Becoat, at 215-814-2036, if you have any questions pertaining to this review.

Sincerely,

CRISTINA
FERNANDEZ

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FERNANDEZ
Date: 2023.09.25 13:44:51 -04'00'

Cristina Fernández, Director
Air and Radiation Division

Enclosure

cc: Jasmine Champion, FHWA (via email at jasmine.champion@dot.gov)
Daniel Koenig, FTA (via email at daniel.koenig@dot.gov)
Regina Aris, BRTB (via email at raris@baltometro.org)



U.S. Department
of Transportation

Federal Transit Administration
Region III
1835 Market, Suite 1910
Philadelphia, PA 19103
215-656-7100
215-656-7260 (fax)

Federal Highway Administration
Maryland Division
31 Hopkins Plaza, Suite 1520
Baltimore, Maryland 21201
Phone: 410-962-4440
410-962-4054 (fax)

October 25, 2023

Mr. John Olszewski, Chair
Baltimore Regional Transportation Board
1500 Whetstone Way, Suite 300
Baltimore, MD 21230

Re: Air Quality Conformity Determination for the Fiscal Year 2024-2027 Transportation Improvement Program and the Resilience 2050 LRTP Long Range Transportation Plan for the Baltimore Metropolitan Region

Dear Mr. Olszewski:

The 1990 Amendments to the Clean Air Act require transportation air quality conformity determinations for Metropolitan Transportation Plans, Transportation Improvement Programs (TIP), sections of a State Transportation Improvement Program (STIP) covering rural nonattainment/maintenance areas, and projects in areas that are designated as air quality nonattainment and maintenance areas. Section 176 (d) of the Clean Air Act establishes priority requirements for programs supported by the Federal government that target nonattainment or maintenance areas in order to provide for timely implementation of eligible portions of air quality plans.

The Federal Transit Administration (FTA) and Federal Highway Administration (FHWA) coordinated the transportation air quality conformity determinations submittal with the Environmental Protection Agency (EPA) and are jointly making this air quality conformity determination. This determination was triggered as a result of having completed the review of the Fiscal Year (FY) 2024-2027 TIP and the 2050 Resilience Long Range Transportation Plan (LRTP) for the Baltimore Metropolitan Region. The last air quality conformity determination was made on August 10, 2022. On September 25, 2023, in a letter to FHWA's Maryland Division regarding the review of the 1997, 2008, and 2015 8-Hour Ozone Standards Conformity (enclosed), the EPA acknowledged its review and included technical documentation that supports the conformity finding of the region's FY 2024-2027 TIP and 2050 Resilience LRTP.

FTA and FHWA find that the analytical results provided by the Baltimore Regional Transportation Board (BRTB) to demonstrate conformity are consistent with EPA's Transportation Conformity Rule (40 CFR Part 93), as amended. FTA and FHWA find that the FY 2024-2027 TIP and the 2050 Resilience LRTP conform to the region's State Implementation Plans and that the conformity determination has been performed in accordance with the requirements specified in the Transportation Conformity Rule (40 CFR Part 93), as amended.

Mr. John Olszewski

Re: Air Quality Conformity Determination

2

FTA and FHWA find that the FY 2024-2027 TIP was developed based on a continuing, cooperative, and comprehensive transportation planning process carried on cooperatively by the BRTB, the Maryland Transit Administration (MTA), the Maryland State Highway Administration (SHA), for the State of Maryland in accordance with the requirements of 23 USC 134 and 49 USC 5303.

Based on our transportation planning regulatory requirements, our day-to-day involvement, extensive review of technical analysis reports, and in accordance with the provisions of 23 USC 134(i)(2)(E), 49 USC 5303, FHWA and FTA find the financial information needed to support our fiscal constraint determination is complete.

Any questions concerning this approval should be directed to Jasmine Champion, Planning & Program Manager, FHWA, Maryland Division, at (410)779-7158, or Daniel Koenig, Community Planner, FTA Region III at (202) 366-8224.

Sincerely,

**VALERIYA
REMEZOVA**
Digitally signed by
VALERIYA REMEZOVA
Date: 2023.10.26
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Valeriya Remezova
Division Administrator
Federal Highway Administration

**ANTHONY
THEODORE
TARONE**
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THEODORE TARONE
Date: 2023.10.25 15:39:41
-04'00'

Anthony Tarone
Deputy Regional Administrator
Federal Transit Administration

cc: Holly Arnold, MTA
William Pines, SHA
Heather Murphy, MDOT
Gregory Becoat, EPA Region 3
Tony Tarone, FTA Region 3
Laura Keeley, FTA Region 3
Todd Lang, BRTB

Enclosure: September 25, 2023, FHWA review of 1997, 2008, and 2015 8-Hour Ozone