

BALTIMORE METROPOLITAN PLANNING ORGANIZATION

**BALTIMORE REGIONAL TRANSPORTATION BOARD
RESOLUTION #21-8**

**AMENDMENT TO THE 2021 – 2024 BALTIMORE REGION
TRANSPORTATION IMPROVEMENT PROGRAM**

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 Harford Transit; and

***WHEREAS**, the Baltimore Regional Transportation Board, as the Metropolitan Planning Organization for the Baltimore region, approved the 2021-2024 Transportation Improvement Program for the Baltimore region at its August 25, 2020 meeting, with federal approval anticipated in September, 2020; and*

WHEREAS, federal regulations require that all transportation-related projects must be listed in the approved Transportation Improvement Program with accurate funding schedules in order to be eligible for federal funding; and

WHEREAS, the Transportation Improvement Program consists of projects included in, and in support of, the region's long-range transportation plan and ongoing short-range planning efforts; and

WHEREAS, Baltimore City has requested approval of an amendment to the 2021-2024 Transportation Improvement Program through the approved Transportation Improvement Program amendment process; and

WHEREAS, Baltimore City is requesting to shift funds from the construction phase to the planning and engineering phases for the Citywide Traffic Signals, Intelligent Transportation System and Safety Improvements project. The shifted funds will be used for a traffic signal timing optimization project (see attachment); and

WHEREAS, the Transportation Improvement Program, as amended, continues to display financial reasonableness and re-affirms the appropriate project selection criteria whereby all requirements for a Transportation Improvement Program in the Fixing America’s Surface Transportation Act are met; and

WHEREAS, this project is consistent with the federal emphasis on performance-based planning and programming, specifically the federal requirements pertaining to reducing emissions and annual hours of peak-hour excessive delay; and

WHEREAS, the Interagency Consultation Group has determined that this project is exempt according to the Conformity Rule (40 CFR Parts 51 and 93); and

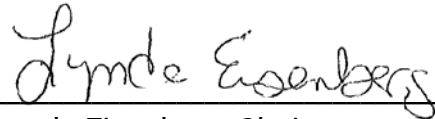
WHEREAS, the proposed Transportation Improvement Program amendment was presented to the Technical Committee on September 1, 2020.

NOW, THEREFORE, BE IT RESOLVED that the Baltimore Regional Transportation Board, as the Metropolitan Planning Organization for the Baltimore region, approves the attached amendment to the 2021-2024 Transportation Improvement Program for the Baltimore region and finds it to conform to the applicable Maryland State Implementation Plan and requirements of the 1990 Clean Air Act Amendments.

I HEREBY CERTIFY that the Baltimore Regional Transportation Board as the Metropolitan Planning Organization for the Baltimore region approved the aforementioned resolution on September 22, 2020.

9-22-2020

Date



Lynda Eisenberg, Chair

Baltimore Regional Transportation Board

Citywide Traffic Signals, Intelligent Transportation System and Safety Improvements

TIP ID	12-1218-07	Year of Operation	Ongoing
Agency	Baltimore City	Project Type	ITS
Project Category	Emission Reduction Strategy	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	512-077, 512-078, 512-080, 512-009	Est. Total Cost	\$17,100,000

Description:

Intelligent Transportation System (ITS) related work includes but is not limited to: traffic signal system integration, traffic signal timing optimization, traffic surveillance camera expansion, traffic signal replacement and upgrade, fiber optic connections, variable message signs, and traffic detector upgrade, including geometric improvement of intersections. Projects included in this TIP ID are: CCTV and signal rewiring citywide, installation of fiber optic and copper communications citywide, ITS deployment and upgrades citywide, geometric improvements at multiple intersections, traffic signal reconstruction, and traffic signal timing optimization. Engineering funds were included in FY 2019. FY 2021 planning and engineering funds are for the traffic signal timing optimization project.

Justification:

It is necessary to upgrade the aging infrastructure of traffic signals and ITS devices to reduce congestion and delays, distribute traffic volumes through the roadway network, and improve the safety of motorists and pedestrians.

Amendment: This amendment shifts FY 2021 funding from the construction phase to the planning and engineering phases. Construction funds decrease by a total of \$4.5 million (\$3.6 million federal STBG/\$900,000 matching). Planning funds increase by \$1.575 million (\$1.26 million federal STBG/\$315,000 matching) and engineering funds increase by \$2.925 million (\$2.34 million federal STBG/\$585,000 matching). The total amount of funding in the project remains unchanged. The funds shifted to the engineering and planning phases will be utilized for the traffic signal timing optimization project.

Connection to Long-Range Transportation Planning Goals:

- 2.B Improve and Maintain the Existing Infrastructure -- Replace traffic signals and ITS elements.
- 4.D Increase Mobility -- Apply mobility-related management and operations techniques.
- 5.D Conserve and Enhance the Environment -- Reduce greenhouse gas emissions in accordance with state and local sustainability and climate change plans.



