

Overview of Materials to be Recommended for Approval, Draft: Air Quality Conformity Findings, 2022 Update to Visualize 2045 and FY 23-26 TIP

Stacy Cook, TPB Transportation Planner

TPB Technical Committee

June 3, 2022

Agenda Item #3

visualize
2045 A long-range transportation plan for the National Capital Region



(Cook/TPB)


The following slides will be presented to the board during its June meeting. Staff will recommend board action to adopt three resolutions.

TPB 6/15 Agenda Item #7

- The TPB will be asked to take the following actions:
 - Adopt a resolution finding that the 2022 Update to Visualize 2045 and the FY 2023-2026 TIP conform with the requirements of the Clean Air Act Amendments of 1990
 - Adopt a resolution that the TPB approves the 2022 Update to Visualize 2045 and the FY 2023-2026 TIP
 - Adopt a resolution of self-certification that the TPB is following the metropolitan transportation planning process.

Resolution to Approve Air Quality Conformity Determination


- TPB staff recommend that the TPB take the following action:
 - Adopt a resolution finding that the 2022 Update to Visualize 2045 and the FY 2023-2026 TIP conform with the requirements of the Clean Air Act Amendments of 1990



The 2022 Update to Visualize 2045 meets the federal Air Quality Conformity requirements—mobile source VOC and NOx emissions associated with the plan/TIP are below EPA approved motor vehicle emissions budgets

Resolution to Approve the 2022 Update to Visualize 2045 and FY 23-26 TIP

- TPB staff recommend that the TPB take the following action:
 - Adopt a resolution approving the 2022 Update to Visualize 2045 and the FY 2023-2026 Transportation Improvement Program (TIP)



The 2022 Update to Visualize 2045 long-range transportation plan and the TIP meet the federal requirements for fiscal constraint, and all other federal requirements.

Resolution to Approve Self Certification

- TPB staff recommend that the TPB take the following action:
 - Self certify that the TPB is following the metropolitan transportation planning process



The TPB carries out a cooperative and comprehensive performance-based multimodal transportation planning process consistent with federal regulations (23 CFR § 450).

Representatives of the Departments of Transportation of the State of Maryland, Commonwealth of Virginia, and District of Columbia provide oversight, and sign the self-certification document.

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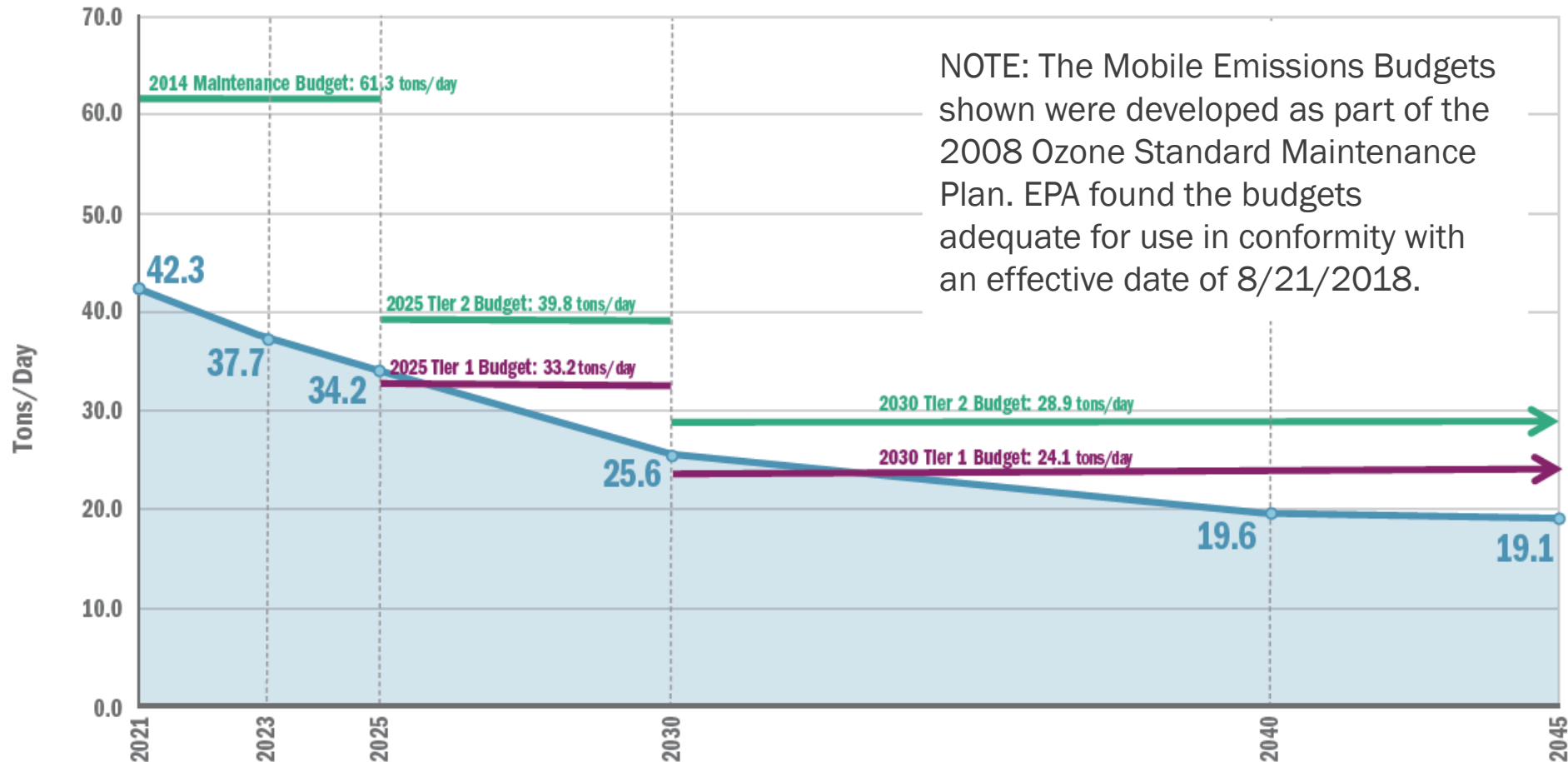
Many Federal Requirements

Federal Planning Factors <ul style="list-style-type: none"> • Preservation of the existing transportation system. • Efficient system management & operation • Integration & connectivity across and between modes • Support the economic vitality of the metropolitan area • Protect & enhance the environment • Increase the security of the transportation system • Support homeland security & safeguard security of all users • Improve resiliency & reliability of transportation system • Increase the safety of the transportation system • Increase accessibility & mobility of people • Increase accessibility & mobility of freight • Enhance travel and tourism. 	Financial Constraint Funds must be reasonably expected to be available.	Air Quality Emissions generated by use of the transportation system in the future must not exceed pollution budgets set by the EPA.
	Public Participation	Performance-Based Planning and Programming <ul style="list-style-type: none"> • Highway Safety • Highway Assets • Highway System Performance • Vehicular Emissions • Transit Asset Management • Transit Safety
	Congestion Management Process Agencies must consider alternatives to adding capacity for single-occupant vehicles	
	Title VI and Environmental Justice	

Air Quality Conformity

Forecast
Data

2022 Update to Visualize 2045 Air Quality Conformity Mobile Source Emissions and Mobile Emissions Budgets Ozone Season: Volatile Organic Compounds (VOCs)



What Are Federal Requirements to Fund Visualize 2045?

- 20+ year horizon
- For purposes of transportation system operations and maintenance: system-level estimates of costs and revenue sources
- Estimates of funds that will be available to support metropolitan transportation plan implementation
- All necessary financial resources from public and private sources that are **reasonably expected** to be made available to carry out the transportation plan shall be identified

(BeyondDC/Flickr)



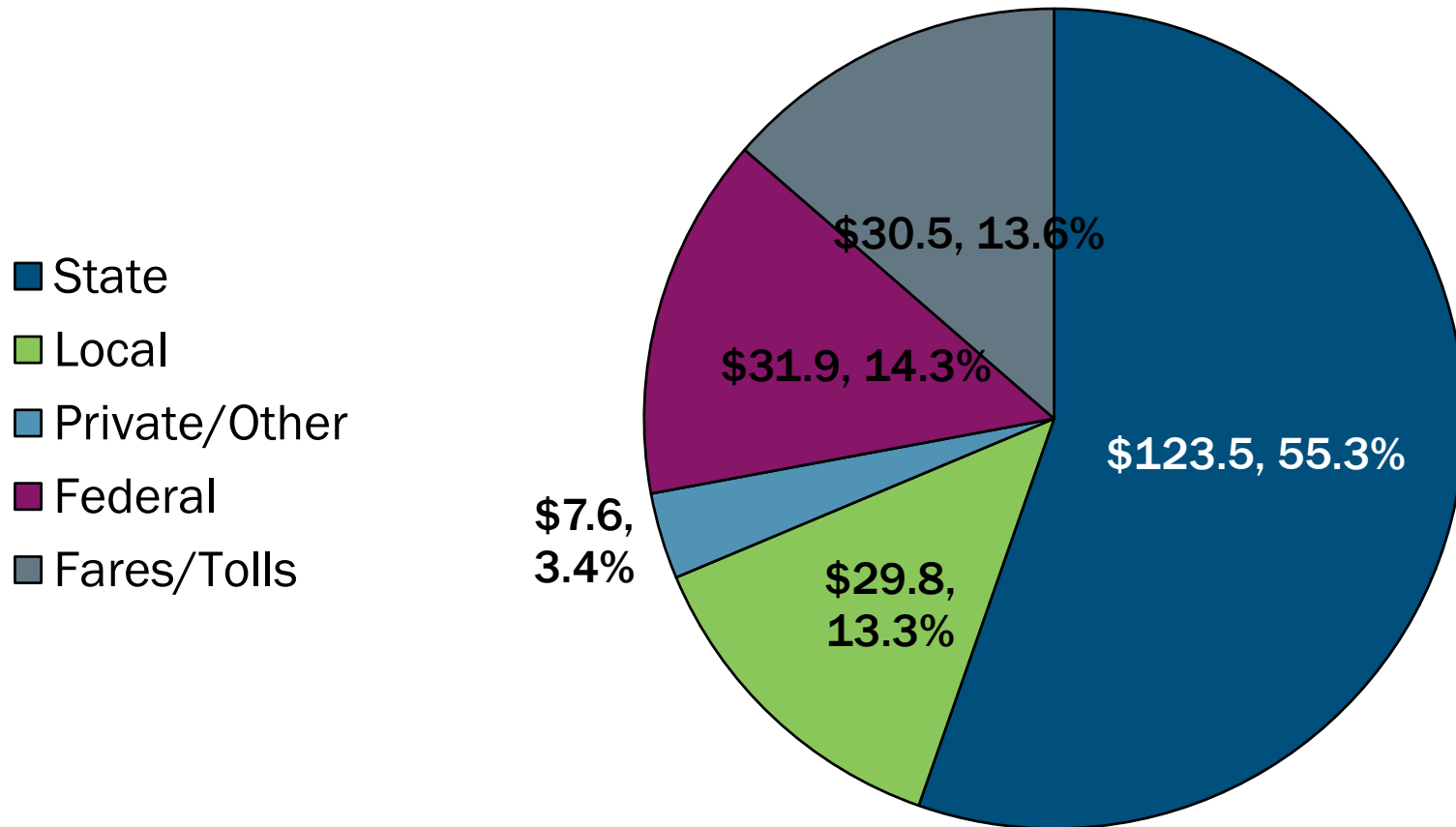
The 2022 Update to Visualize 2045 long-range transportation plan meets the federal requirements for fiscal constraint.

§ 450.324 Development and content of the metropolitan transportation plan.

Regional Revenues: Visualize 2045

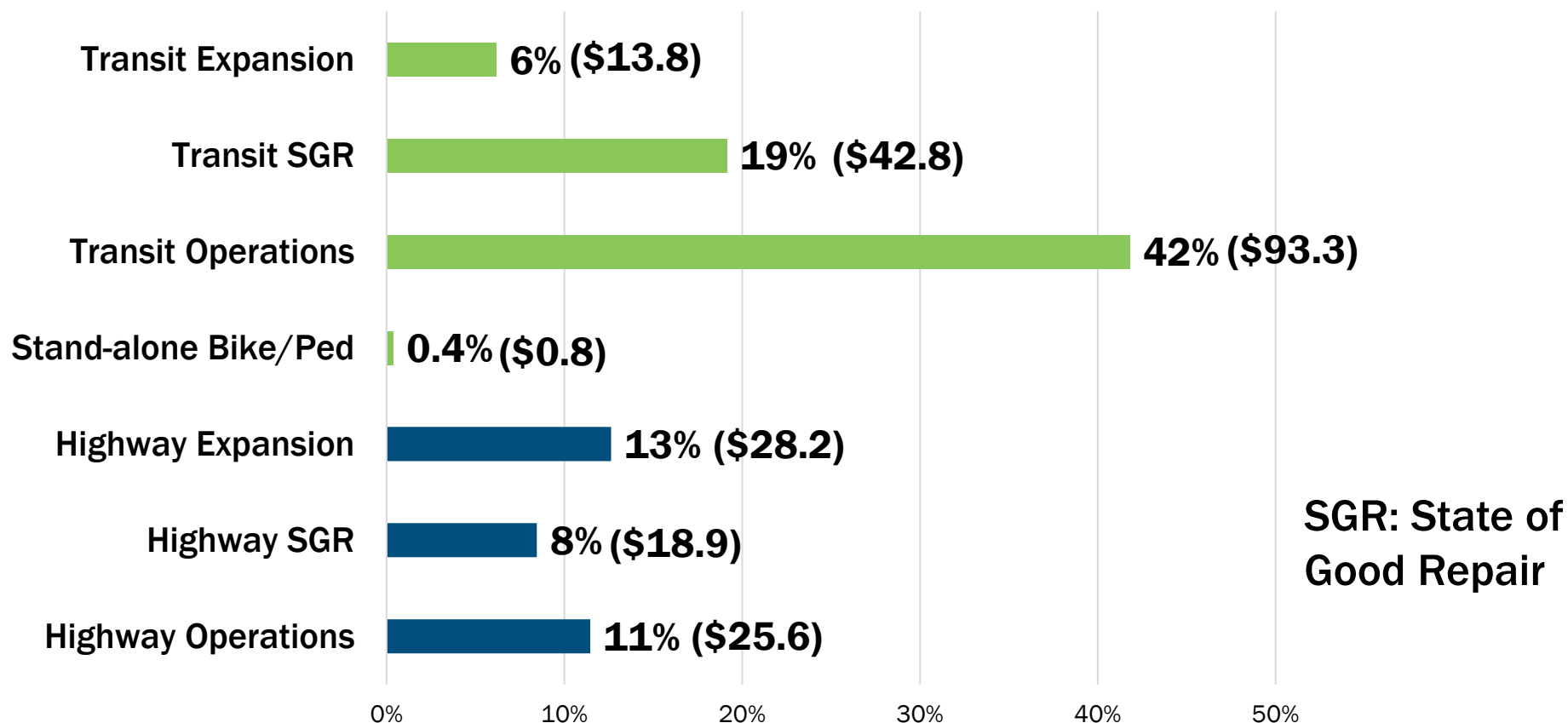
(2023-2045; Billions, in Year of Expenditure)

Total of \$223.3 Billion



Regional Expenditures: Visualize 2045

(2023-2045; Billions, in Year of Expenditure)



SGR: State of Good Repair

Total = \$223.3 Billion

Draft FY 2023-2026 Transportation Improvement Program (TIP) Summary

- TIP provides the schedule for the next four years for distributing federal, state, and local funds for state and local transportation projects
- TIP projects include those that are in the first four years of the plan, plus other project types that use federal funding, such as roadway and transit maintenance projects, and operational programs

