

# Recommendation for Approval, Draft: Air Quality Conformity Findings, 2022 Update and FY 23- 26 TIP; and Self Certification

Stacy Cook, TPB Transportation Planner  
Transportation Planning Board  
June 15, 2022  
Agenda Item #7



**visualize**  
**2045**

A long-range  
transportation plan  
for the National  
Capital Region


(Cook/TPB)

# Agenda Item #7

- Today, the TPB will be asked to take the following actions:
  - Adopt Resolution R15-2022 to approve the 2022 Update to Visualize 2045 and the FY 2023-2026 TIP
  - Adopt Resolution R16-2022 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 Resolution R17-2022 to self-certify that the TPB is following the metropolitan transportation planning process

# 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 Resolution R15-2022 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 Air Quality Conformity Determination

- TPB staff recommend that the TPB take the following action:
  - Adopt Resolution R16-2022 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 Self Certification

- TPB staff recommend that the TPB take the following action:
  - Adopt Resolution R17-2022 to 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.*

## **Stacy M. Cook**

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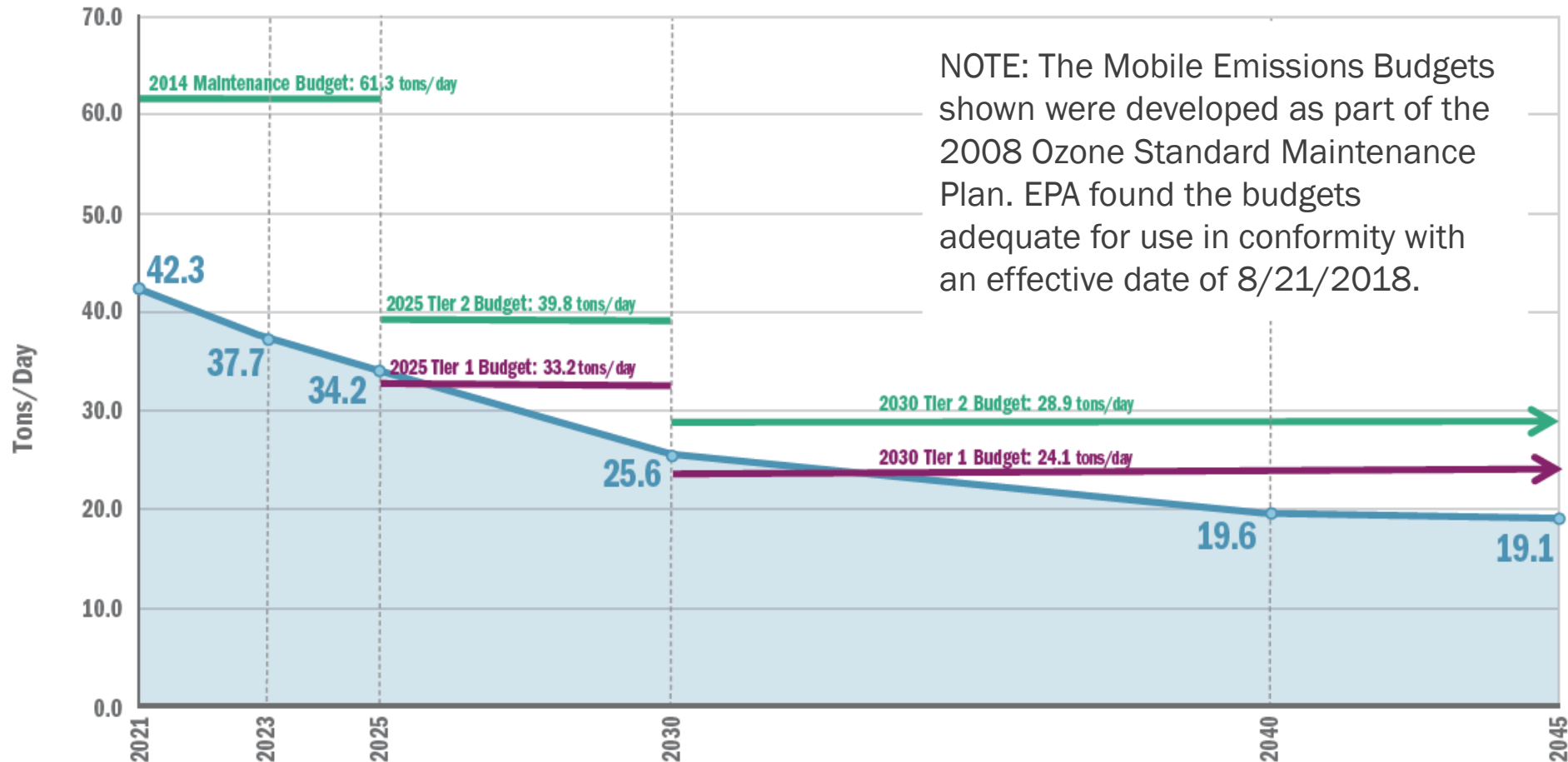
# Many Federal Requirements

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

# 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)

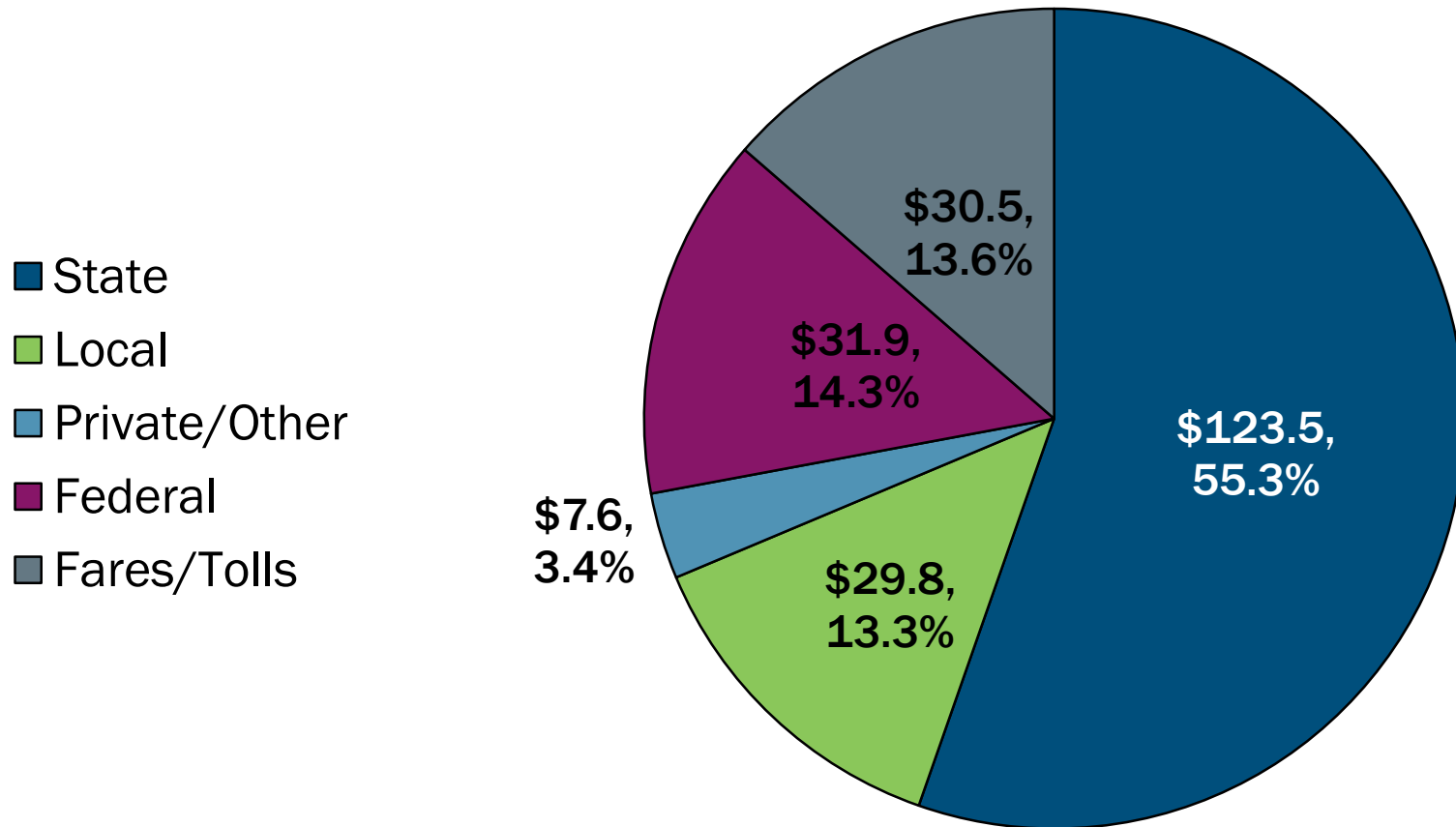


*The 2022 Update to Visualize 2045 long-range transportation plan meets the federal requirements for fiscal constraint.*

# Regional Revenues: Visualize 2045

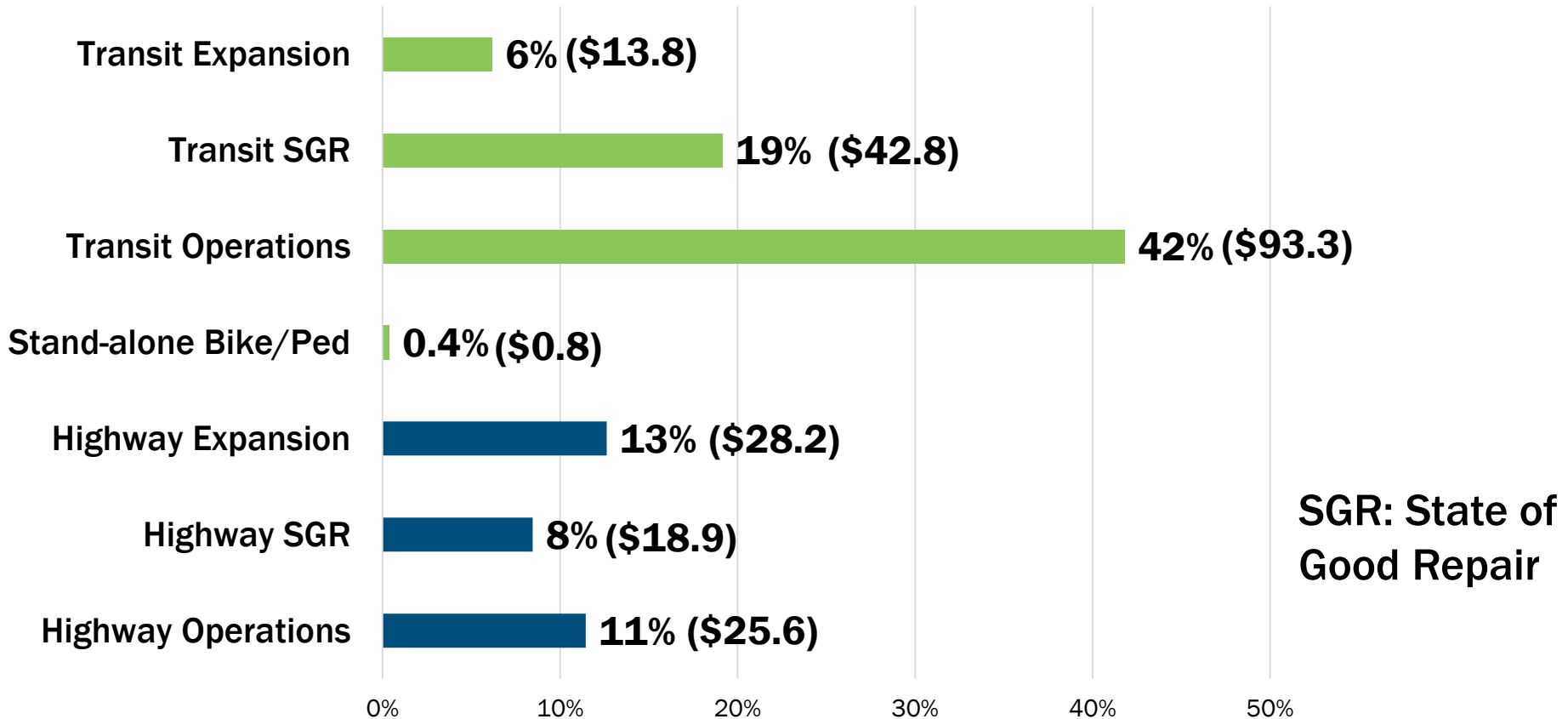
(2023-2045; Billions, in Year of Expenditure)

**Total of \$223.3 Billion**



# Regional Expenditures: Visualize 2045

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



**Total = \$223.3 Billion**



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

- About \$11 Billion in funding for next four years
- 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

