Conformity Determination of the 2018-2021 TIP and Amended Plan

BRTB Meeting

July 25, 2017
Air Quality Conformity

• Ensures that Federal funding and approval are given to transportation activities that are consistent with air quality goals
• Ties together transportation planning and air quality planning
• Consultation requirements
Air Quality Conformity

- NAAQS = National Ambient Air Quality Standard
- Transportation plans, programs, and projects cannot:
  - Create new NAAQS violations
  - Increase the frequency or severity of existing NAAQS violations; or
  - Delay attainment of the NAAQS
Air Quality Conformity

- 2008 8-hour Ozone NAAQS – Moderate Nonattainment
- 1997 Annual Fine Particulate Matter NAAQS – Revoked
- Carbon Monoxide NAAQS – Two, 10-year maintenance periods complete
Interagency Consultation

• For the air quality conformity determination process, BRTB consults with the Maryland Departments of the Environment and Transportation
• FHWA, FTA, and EPA also included in the Interagency Consultation Group.
Summer Daily VOC Emissions

**Budget**

- 2015: 40.2 tons per day
- 2020: 40.2 tons per day
- 2025: 40.2 tons per day
- 2030: 40.2 tons per day
- 2035: 40.2 tons per day
- 2040: 40.2 tons per day
- 2045: 40.2 tons per day

**Estimated Emissions**

- 2015: 21.9 tons per day
- 2020: 12.9 tons per day
- 2025: 10.2 tons per day

*2012 RFP SIP Budget to address the 1997 Ozone NAAQS*
Summer Daily NOx Emissions

- **Budget**: 93.5 tons per day
- **Estimated Emissions**:
  - 2015: 49.4 tons per day
  - 2020: 23.1 tons per day
  - 2025: 18.9 tons per day

*2012 RFP SIP Budget to address the 1997 Ozone NAAQS

Baltimore Metropolitan Council