

FINAL DRAFT FY 2008-2012

Transportation Improvement
Program (TIP) and Air Quality
Conformity Determination

BRTB Sponsored Public Meeting

August 21, 2007

The Metropolitan Transportation Planning Process

Federal law requires Metropolitan Planning Organizations (MPOs), in cooperation with states, to produce and regularly update long range transportation plans (such as Transportation 2030) and transportation improvement programs (TIPs).

The Metropolitan Transportation Planning Process

The 2008-2012 TIP is a
short range program that
flows from...



Transportation 2030, or
the adopted long range
plan.

Short range program

Transportation Improvement Program



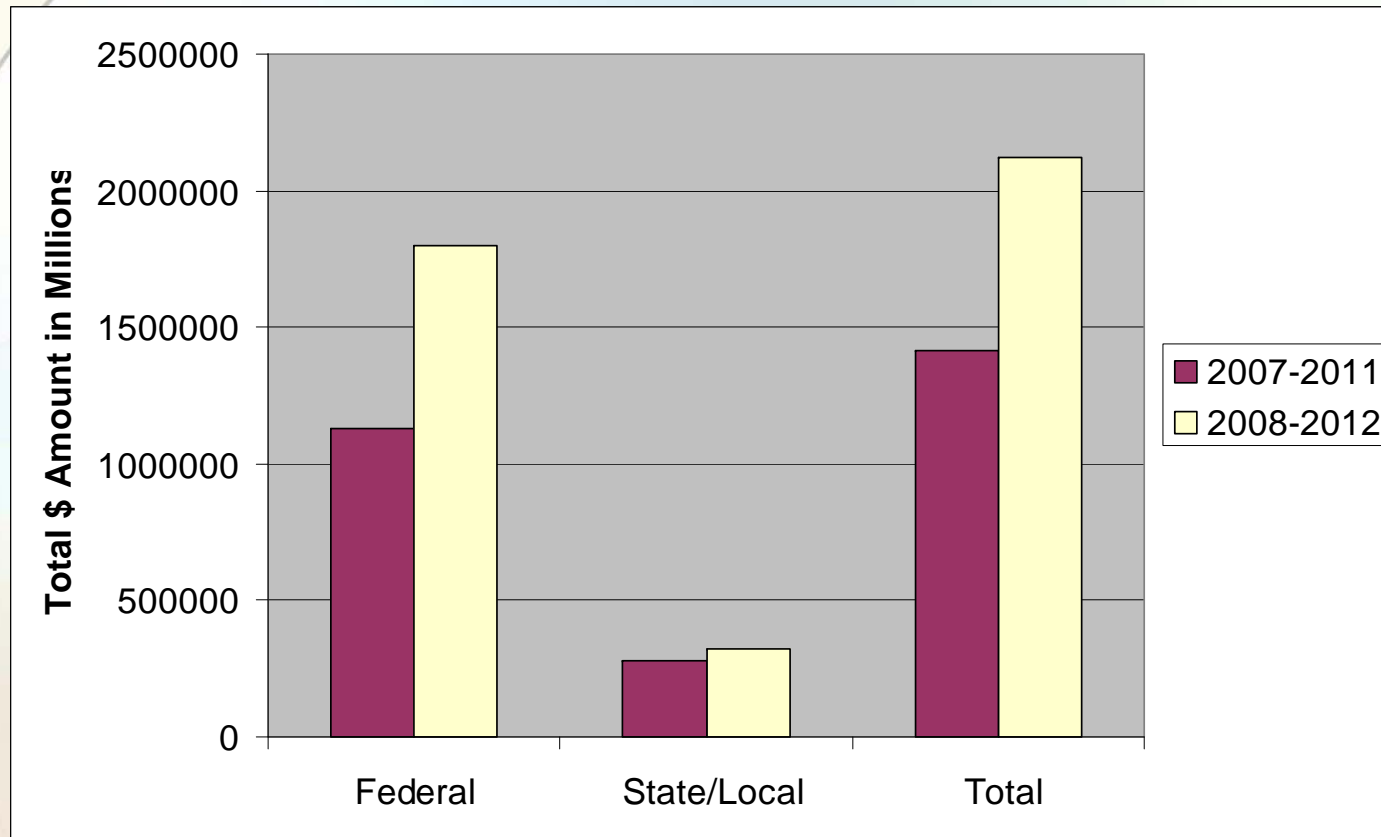
- **A list of priority projects for which federal funds are requested over the next five years**
- **Meets the goals of the long range plan by including projects that come from the long range plan**
- **Meets the air quality goals established in the State Implementation Plan (SIP)**
- **Is generally updated every year**

The FY 2008 – 2012 Draft Baltimore Region Transportation Improvement Program



- A description and justification of projects asking for federal funding
- The list includes capacity projects, preservation projects, and transit operating needs.
- Larger non-federally funded projects are also included for air quality, financial constraint, and public awareness.

Total Funding for FY 2008-2012 TIP



Federal: \$1.80 billion

State, Local & Other: \$0.32 billion

Total: \$2.12 billion

What is the Annual Element?

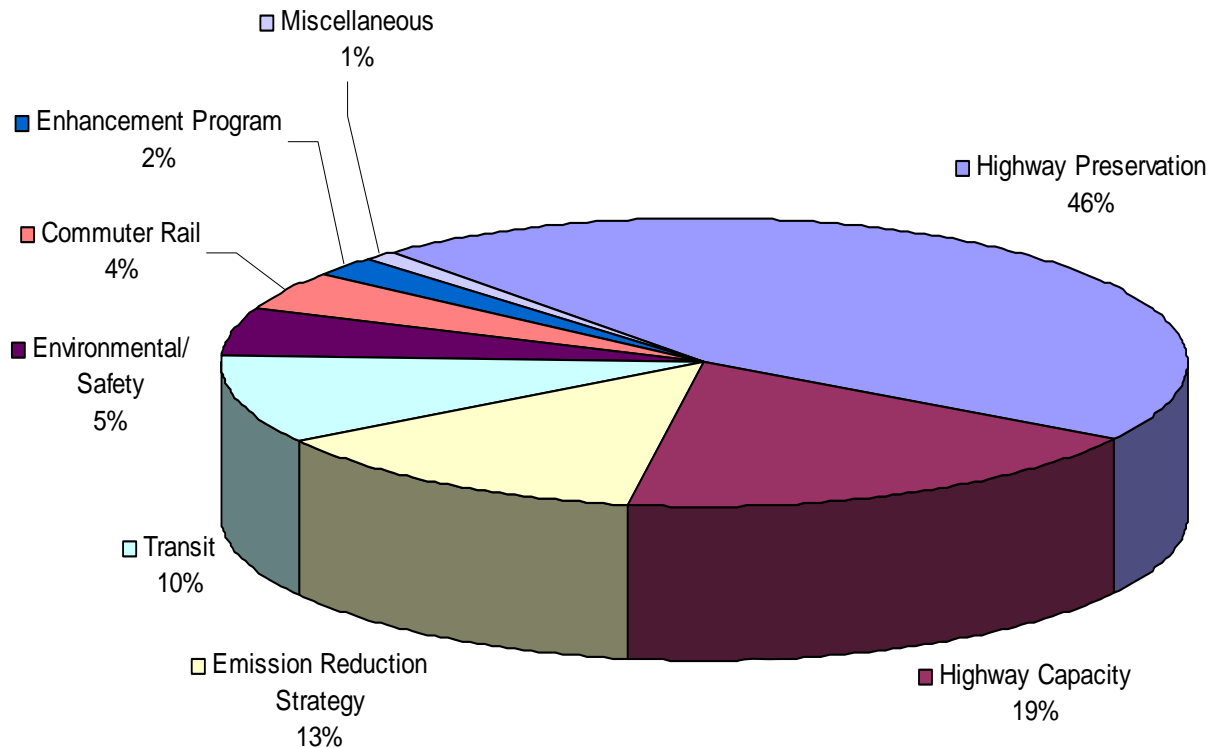
The “Annual Element” is the first year of any TIP, this time it is FY 2008.



Federal highway and transit agencies are most concerned with the specific funding requests for the coming year.

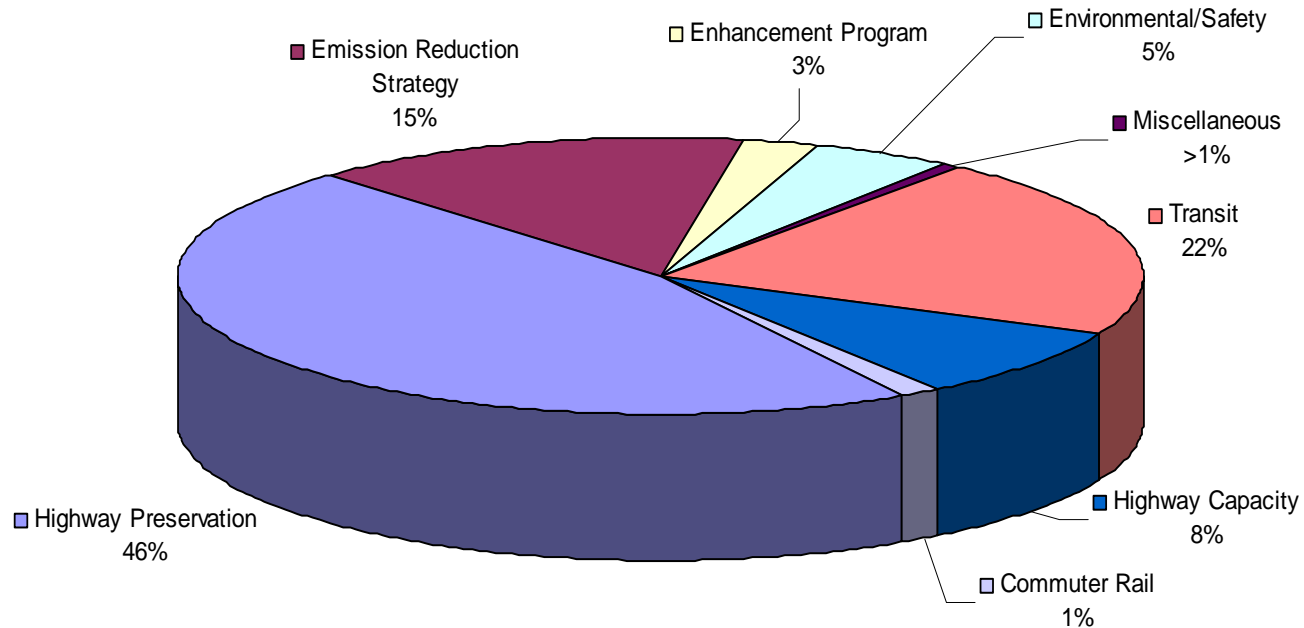
Project Categories in FY 2008

Number of Projects by Percentage



Funding Categories in FY 2008

Percentage of Federal Funds

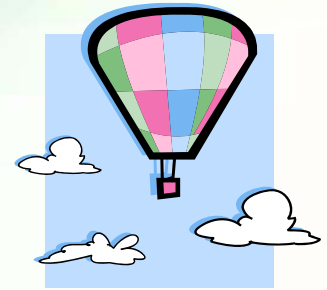


Note: This is ONLY federal funding

Highlights of Selected Projects

- **Funding requested for rehabilitation of 23 bridges in the region**
- **BRAC related projects around Fort Meade & APG**
 - **Transit Operations & Maintenance Facility**
 - **Study of MD 175: MD 295 to MD 170**
 - **MARC Aberdeen Station Relocation Feasibility Study**
- **MARC Riverside Maintenance Facility**
- **Baltimore Red Line and Green Line Transit planning**

The Air Quality Assessment



What is the Conformity Determination?

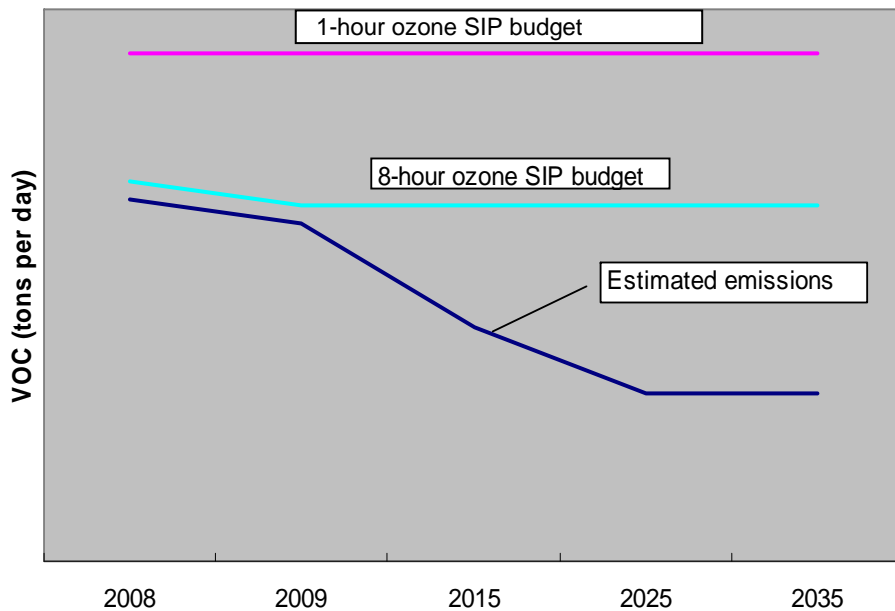
- The TIP and Plan go through a process that compares estimated pollutants (emissions) from transportation projects to limits (budgets) set by the State.
- This conformity determination addresses the fine particulate matter (PM_{2.5}), 8-hour ozone and CO standards.
- Conformity ensures that transportation projects do not hinder efforts to reach air quality standards that protect our health and the environment.
- The analysis shows that emissions from these projects are below the budgets, or limits set by the State.

Emissions Results – Ozone

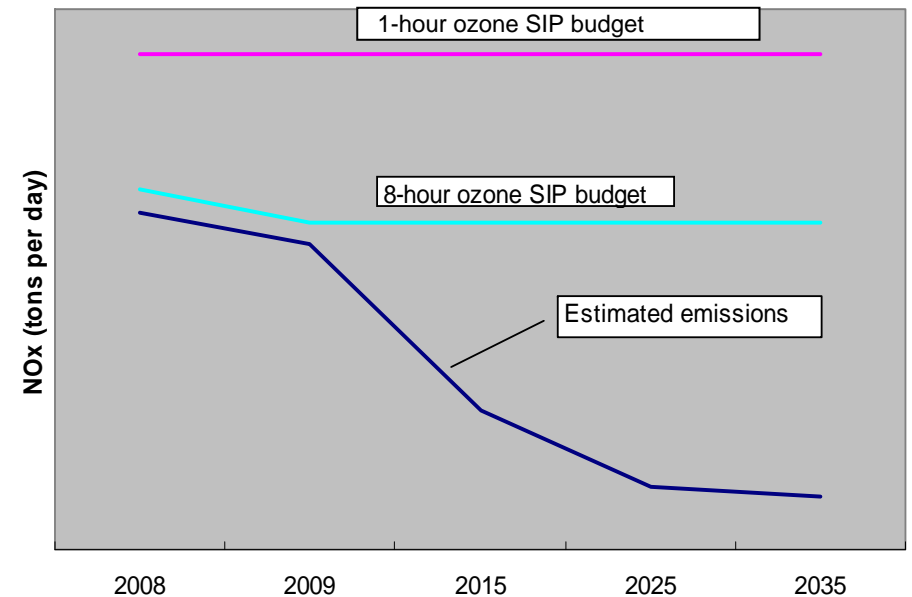
Emissions Budgets (tons per day)

	Volatile Organic Compounds (VOC)	Nitrogen Oxides (NOx)
1-hour ozone SIP	55.3	146.9
8-hour ozone SIP (2008)	41.2	106.8
8-hour ozone SIP (2009)	38.7	97.0

Ozone Precursor - VOC Emissions



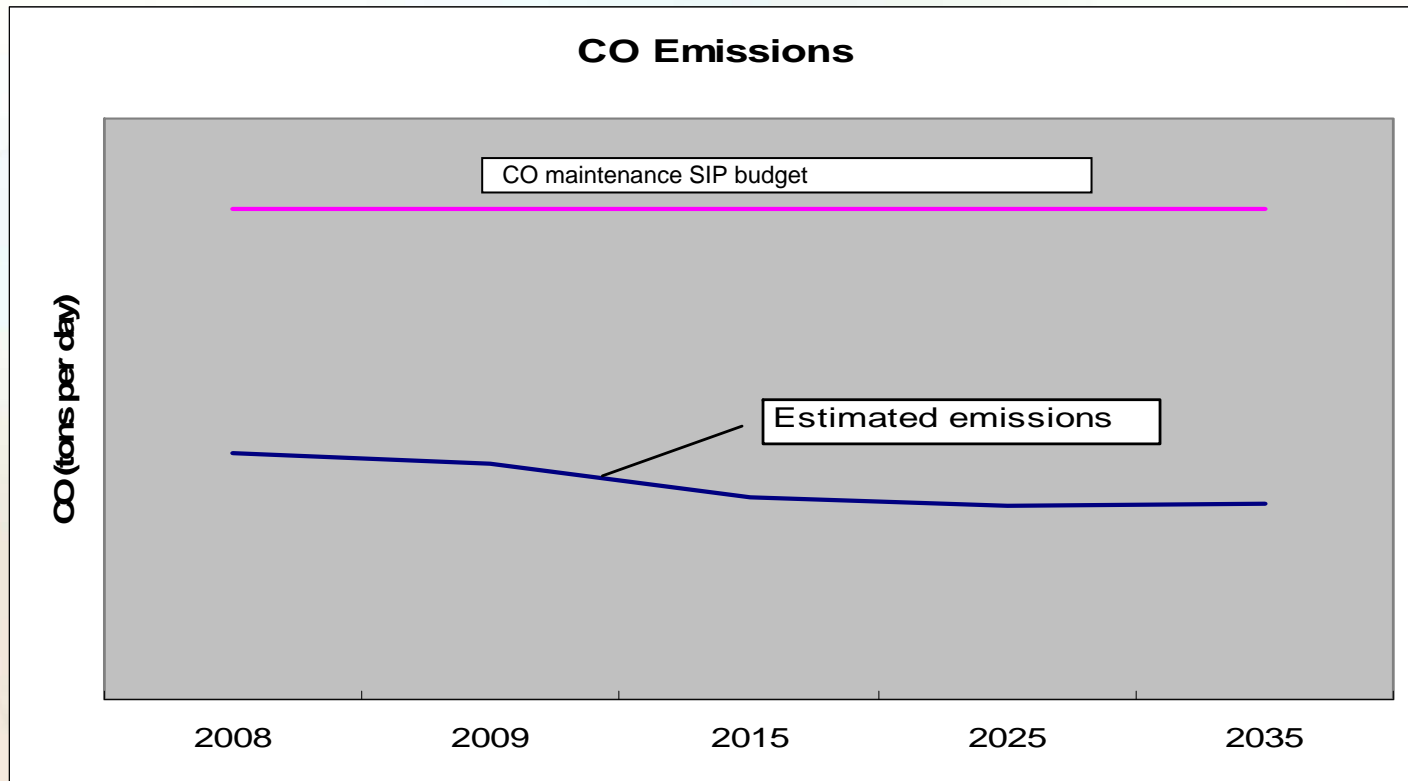
Ozone Precursor - NOx Emissions



Emissions Results – Carbon Monoxide

Emissions Budgets (tons per day)

CO Maintenance SIP	1,689.80
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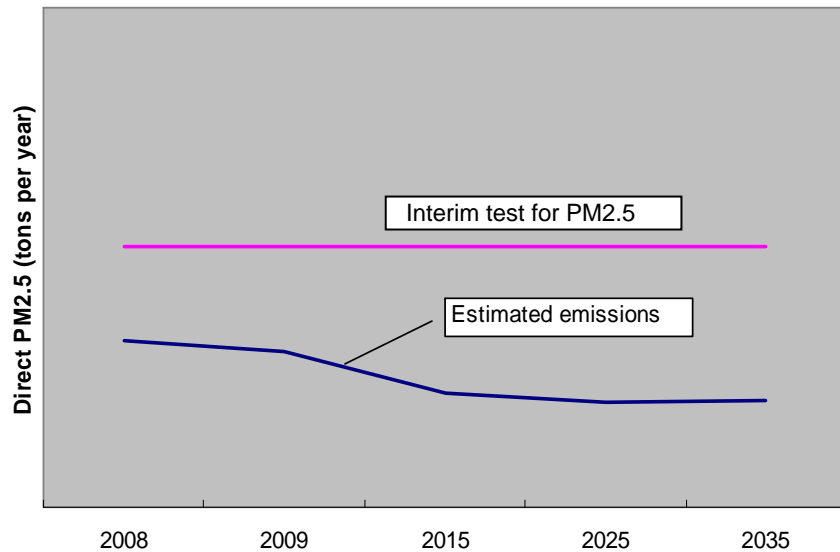


Emissions Results – Fine Particulate Matter

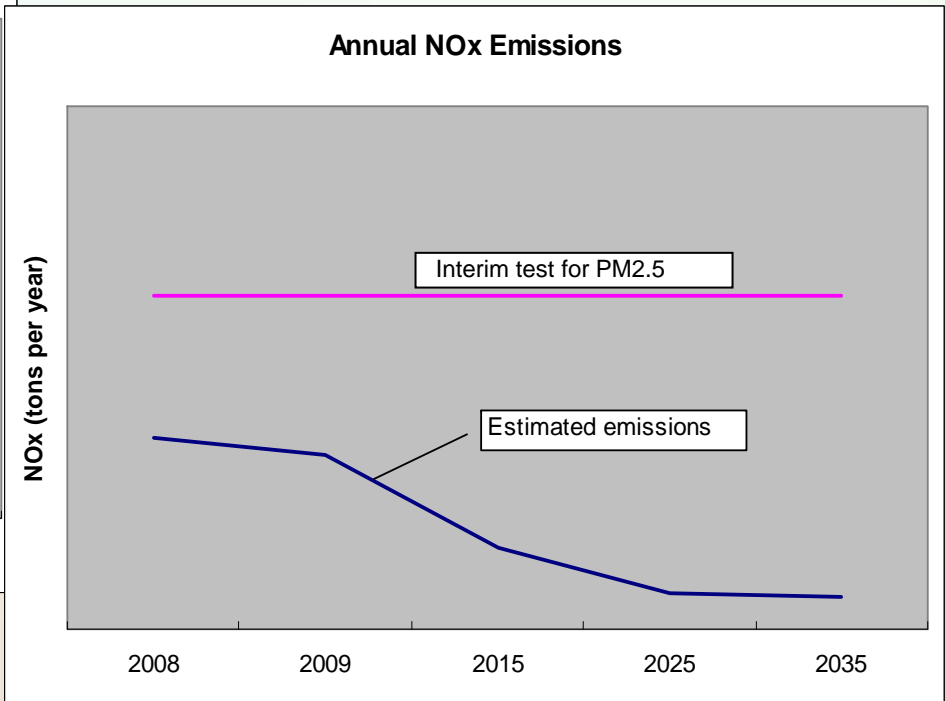
Emissions Budgets (tons per year)

Direct PM2.5	Nitrogen Oxides (NOx)
1,043.51	63,759.38

Direct PM2.5 Emissions



Annual NOx Emissions



Next Steps



- The Comment Period for the *TIP* and Air Quality *Determination* ends at 4:30 p.m. on August 31, 2007

Tell us
what you
think!

- The BRTB is scheduled to vote on these documents at 9:00 a.m. on October 23, 2007

Providing your Testimony...

- **Mail:**
 - **Monica Haines**
 - **c/o Baltimore Regional Transportation Board**
 - **2700 Lighthouse Point East, Suite 310**
 - **Baltimore, MD 21224**
- **Fax: 410-732-8248**
- **E-mail: comments@baltometro.org**
- **Online: www.baltometro.org**
- **In Person: August 28, 2007 at 5:00 p.m.**