Transportation Conformity Determination for the Draft FFY 2020-2024 TIP and Plan 2045, as amended

NEW YORK METROPOLITAN TRANSPORTATION COUNCIL
ADOPTED SEPTEMBER 5, 2019
Transportation Conformity

A requirement of the Clean Air Act Amendments of 1990, which set national clean air standards

Required for eligibility for federal transportation funding in non-attainment areas (i.e., areas not meeting the clean air standards)

Connects air quality planning with transportation planning

Focuses on mobile source emissions from cars, trucks, motorcycles & transit
What does a Transportation Conformity Determination involve?

- Forecasting mobile source emissions for a Regional Transportation Plan and Transportation Improvement Program (TIP)
- Comparing mobile source emissions forecasts to emissions budgets set in the State Implementation Plan for Air Quality
- Establishing that emissions budgets will not be exceeded
State Implementation Plan for Air Quality (SIP)

- Establishes air quality non-attainment areas based on the NAAQS
- Forecasts attainment of NAAQS by target years
- Addresses pollutant sources & types, and establishes emissions budgets
  - Mobile source emissions budgets apply to NYMTC’s Plan and Transportation Improvement Program (TIP)
  - Pollutants to be addressed: ground-level Ozone, Carbon Monoxide, Fine Particulate Matter
Non-Attainment and Maintenance Areas

NYMTC Air Quality Non-Attainment and Maintenance Areas 2017
Regional Emissions Analysis

Ground-Level Ozone (VOC, NOx)
- New York Metropolitan non-attainment area – all counties except Putnam
  - MODERATE NON-ATTAINMENT
  - Poughkeepsie non-attainment area – Putnam County
    - MAINTENANCE

Carbon Monoxide (CO)
- Five NYC boroughs, Westchester and Nassau counties
  - MAINTENANCE

Fine Particulate Matter (PM$_{2.5}$)
- All counties except Putnam, plus Orange County
  - MAINTENANCE
Results of the Regional Emissions Analysis

DRAFT TRANSPORTATION CONFORMITY DETERMINATION
Daily NOx Mobile Source Emissions Analysis
Daily VOC Mobile Source Emissions Analysis

Nine County VOC Mobile Source Emissions Analysis (in tons per day)

- Total Emissions
- Ozone SIP Budget (VOC)
Combined Annual NOx Mobile Source Emissions Analysis
Combined Annual PM$_{2.5}$ Mobile Source Emissions Analysis