

Air Quality Conformity Determination

of the 2019-2045 Metropolitan Transportation Plan
and the 2021-2024 Transportation Improvement Program, As Amended

Virtual Public Meeting

June 6, 2022

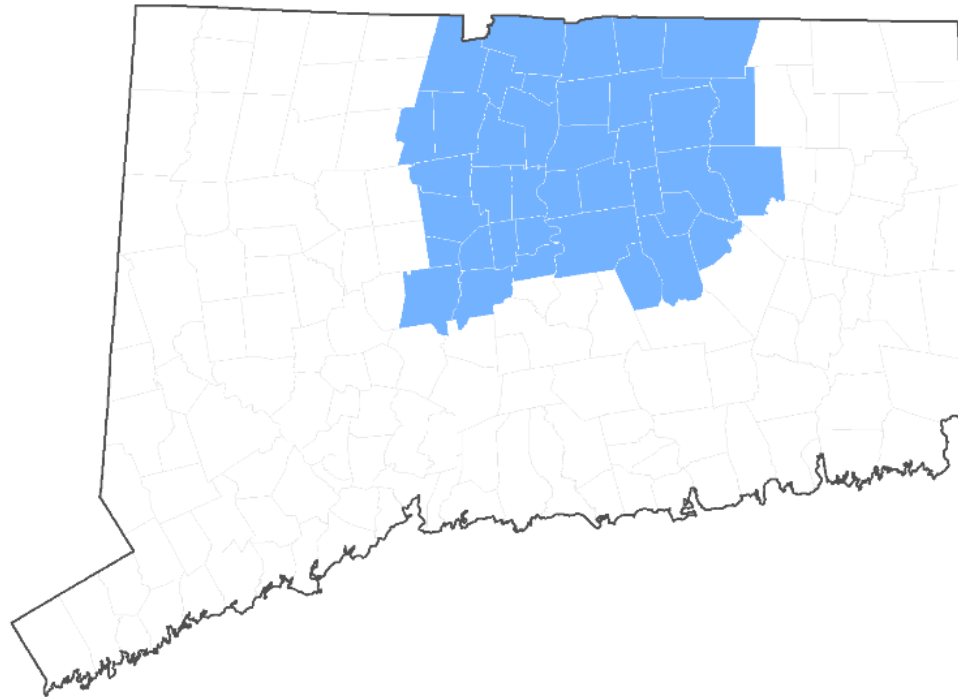
Agenda

- ▶ What is CRCOG?
- ▶ What is the MTP?
- ▶ What is the TIP?
- ▶ Air Quality Conformity Analysis
- ▶ How to Provide Comments

What is CRCOG?

What is CRCOG?

- ▶ The **Capitol Region Council of Governments** (CRCOG) is a voluntary association of 38 municipal governments in the Hartford area.
- ▶ CRCOG provides towns the opportunity to cooperatively address issues of mutual concern, including technical services, purchasing, and regional planning.



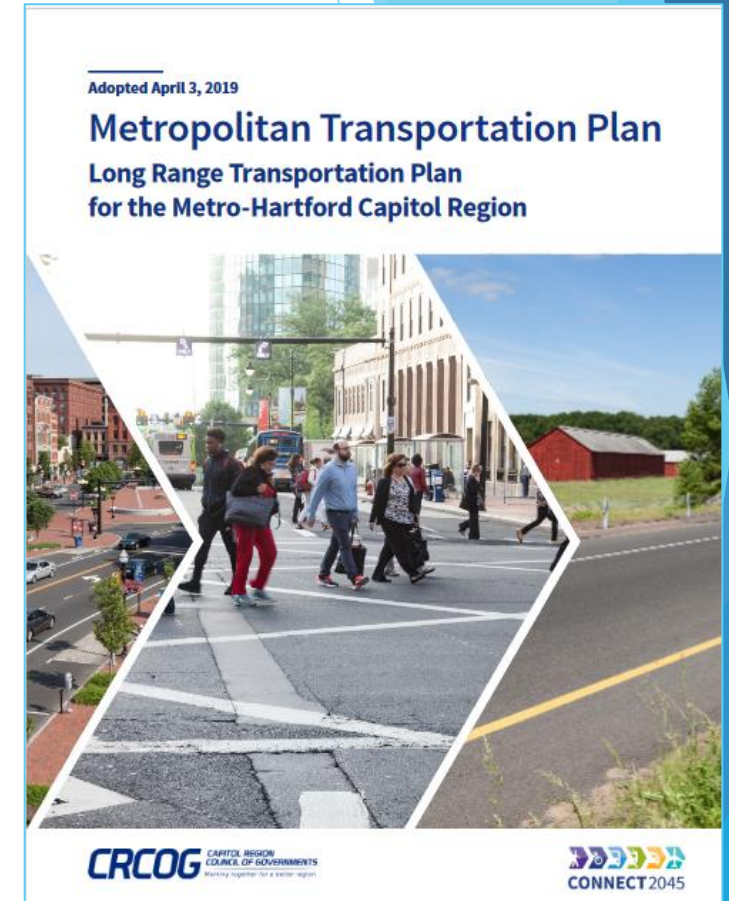
What is CRCOG?

- ▶ CRCOG's Policy Board is the designated **Metropolitan Planning Organization (MPO)** for the 38 municipalities in the Capitol Region. The Policy Board is comprised of the chief elected official from each member municipality, as well as transit representatives from the Connecticut Department of Transportation (CTDOT) and the Greater Hartford Transit District (GHTD).
- ▶ In every urbanized area in the United States, an MPO is designated to conduct regional transportation planning and to select federally funded projects.
- ▶ Although the State Department of Transportation has the primary role of administering the expenditure of these funds, all federally funded transportation projects in the Region must be approved by the MPO.

What is the MTP?

What is the MTP?

- ▶ The **Metropolitan Transportation Plan (MTP)** provides a 25-year overview of the anticipated major transportation improvements and investments in the Capitol Region.
- ▶ The MTP is a systems-level plan that provides general policy guidance by identifying the highest priority transportation needs in the Region and outlining projects and programs to address those needs.
- ▶ The MTP is updated every four years in conformance with federal transportation regulations.



The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue. These shapes are primarily located on the left and right sides of the frame, leaving a large white central area.

What is the TIP?

What is the TIP?

- ▶ The **Transportation Improvement Program (TIP)** is a list of all transportation projects in the Capitol Region that are scheduled to receive federal transportation funds within the next four years.
- ▶ The TIP is prepared at least every four years but is amended frequently.
- ▶ Federal regulations provide regional agencies like CRCOG the opportunity to cooperate with their state department of transportation in decisions regarding how federal transportation funds are spent in their region.
- ▶ Approval by CTDOT and CRCOG is required before federal funds can be expended on any transportation project in the Capitol Region.

Capitol Region Transportation Improvement Program FFY2021-2024



Adopted: October 28, 2020

CRCOG CAPITOL REGION
COUNCIL OF GOVERNMENTS
Working together for a better region.

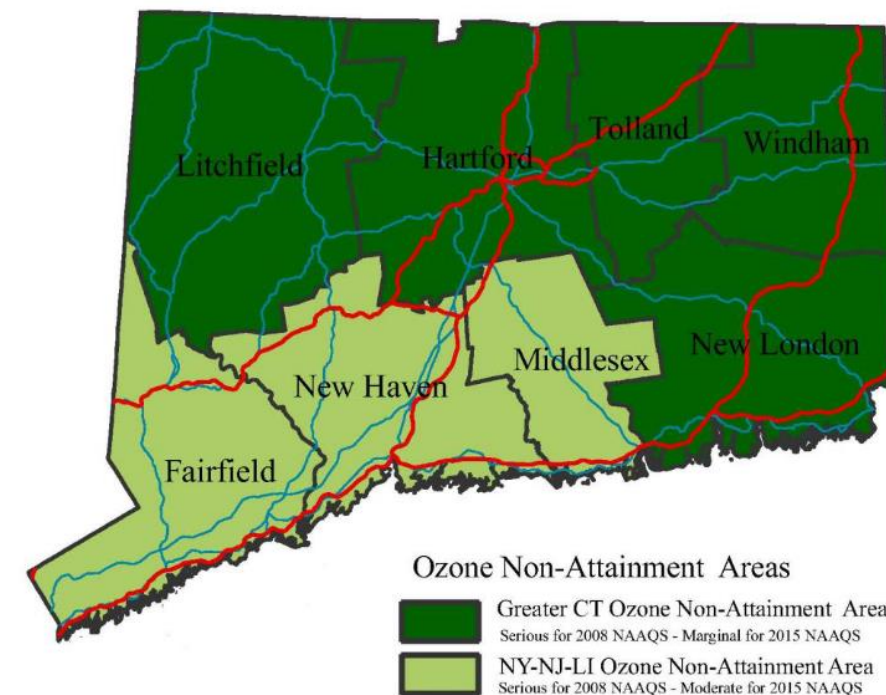
241 Main Street / Hartford / Connecticut / 06102
Phone (800) 522-2217 / Fax (800) 724-1274
www.croog.org

The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue. These shapes are primarily located on the left and right sides of the frame, creating a modern, dynamic feel. The central area is white, providing a clean space for the text.

Air Quality Conformity Analysis

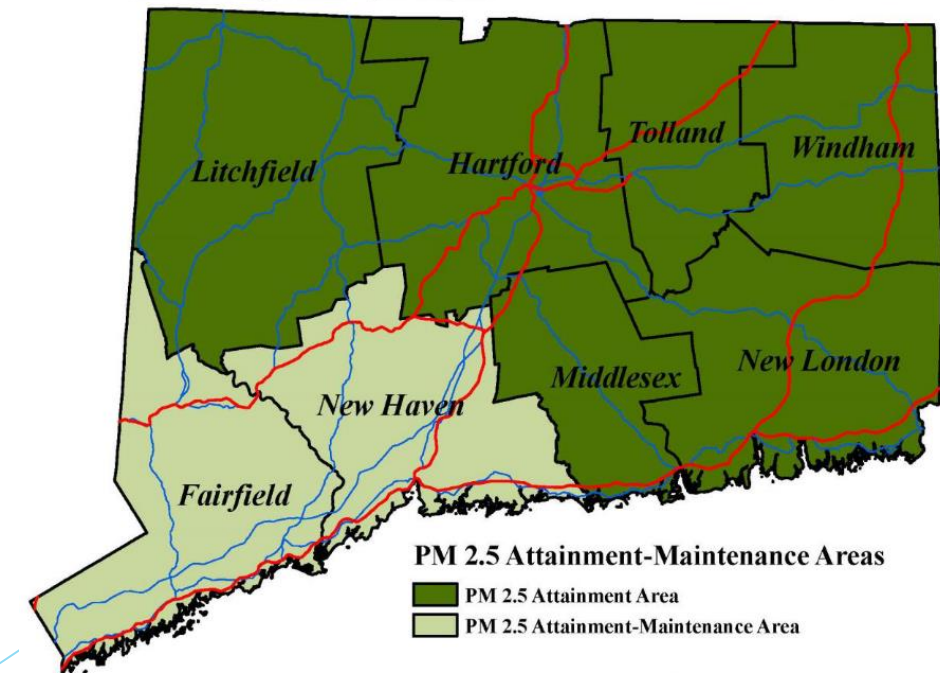
Air Quality Conformity Analysis

- ▶ Each regional planning agency (including CRCOG) is required to demonstrate that its MTP and TIP do not violate the federal Clean Air Act.
- ▶ CTDOT performs a statewide analysis, with all MTP and TIP projects analyzed together.
- ▶ CRCOG is part of the Greater Connecticut Ozone Non-Attainment Area, which is classified as a “marginal” non-attainment area.
- ▶ CRCOG is in an attainment area for fine particulate matter (PM 2.5).



2008 8-Hour NAAQS - Effective September 23, 2019

2015 8-Hour NAAQS - Effective August



Air Quality Conformity Analysis

- ▶ Future year emissions are compared to the 2017 Motor Vehicle Emissions Budgets (MVEB) to determine compliance.
- ▶ The analysis conducted by CTDOT indicates that CRCOG's MTP and TIP, when combined with all other regional plans and TIPs in the relevant air quality district, **pass the test required under current conformity rules.**

Ozone Conformity - NO_x and VOC Emissions Budget Test Results for the Greater Connecticut Ozone Nonattainment Area (tons per day)

| Year | Results | | MVEB Budget | | Difference | |
|------|---------|-----------------|-------------|-----------------|------------|-----------------|
| | VOC | NO _x | VOC | NO _x | VOC | NO _x |
| 2020 | 15.34 | 20.07 | 15.90 | 22.20 | - 0.56 | - 2.13 |
| 2025 | 12.68 | 13.26 | 15.90 | 22.20 | - 3.22 | - 8.94 |
| 2035 | 7.65 | 7.84 | 15.90 | 22.20 | - 8.25 | - 14.36 |
| 2045 | 6.49 | 6.99 | 15.90 | 22.20 | - 9.41 | - 15.21 |

VOC:
Hydrocarbons or
Volatile Organic
Compounds

NO_x: Nitrogen
Oxides

The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue. These shapes are primarily located on the left and right sides of the frame, creating a modern, dynamic feel. The central area is a clean white space where the text is placed.

How to Provide Comments

How to Provide Comments

- ▶ The comment period for the Air Quality Conformity Determination runs through June 20, 2022.
 - ▶ The Air Quality Conformity Determination will be reviewed and endorsed by CRCOG's Transportation Committee, acting as the CRCOG Policy Board, at its virtual meeting on June 27, 2022 at noon.
- ▶ Comments will be accepted (orally or via the chat box) at a virtual public meeting on June 6, 2022 from noon to 1pm.
- ▶ Comments may also be submitted to Cara Radzins:
 - E-mail: cradzins@crcog.org / Phone: (860) 724-4251
 - Mail: CRCOG, 241 Main Street, Hartford, CT 06106
- ▶ The Air Quality Conformity Determination document is available for download at www.crcog.org/tip
 - ▶ To request a hardcopy, contact Cara Radzins.