

FFY2021-2024 Capitol Region Transportation Improvement Program (TIP) Virtual Public Meeting

September 30, 2020

Agenda

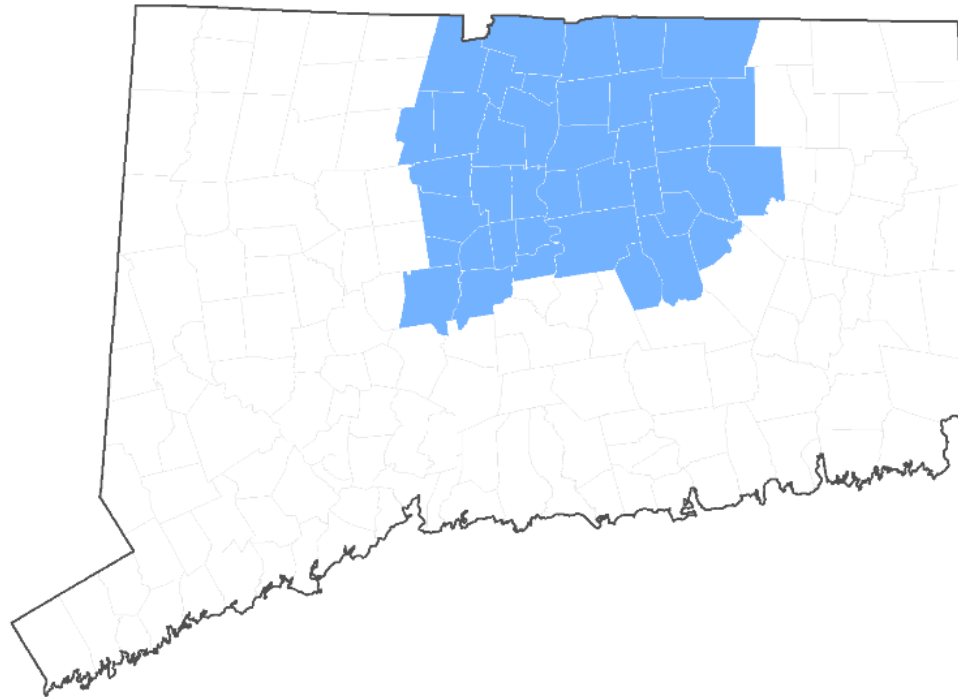
- ▶ What is CRCOG?
- ▶ What is the TIP?
- ▶ TIP Summary
- ▶ Air Quality Conformity Analysis
- ▶ Equity Assessment
- ▶ How to Provide Comments

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What is CRCOG?

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- ▶ 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.

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What is the TIP?

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- ▶ 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.



TIP Summary

TIP Summary

- ▶ The FFY 2021-2024 TIP includes projects that are to be obligated between **October 1, 2020 and September 30, 2024**.
- ▶ CTDOT's analysis of the statewide TIP (STIP) and each regional TIP demonstrates that both the STIP and CRCOG's TIP for FFY2021-2024 are financially constrained.
- ▶ The cost of projects listed in the statewide TIP does not exceed the total funds authorized by Congress for Federal Highway Administration programs or Federal Transit Administration programs in Connecticut for each of the four years.

TIP Summary

- ▶ CRCOG's TIP for FFY2021-2024 programs \$243.3 million in transit projects and \$665.1million in highway projects for a total Transportation Program of **\$908.4 million**.
- ▶ The TIP document lists individual projects in two ways:
 - ▶ By Funding Program (Section A)
 - ▶ By Location - Town, District, or Statewide (Section E)
- ▶ The TIP document is available for download at www.crcog.org/tip
 - ▶ To request a hardcopy, contact mcipriano@crcog.org

TIP Summary

Capitol Region TIP Financial Summary - FFY2021-2024 (\$000s)					
Federal Agency	Year	Total	Federal Share	State Share	Local Share
FTA	2021	104,864	83,465	20,851	548
	2022	41,947	33,130	8,259	558
	2023	20,908	16,267	4,059	583
	2024	75,593	59,983	15,005	607
	<i>Subtotal</i>	<i>243,312</i>	<i>192,845</i>	<i>48,174</i>	<i>2,296</i>
FHWA	2021	203,969	172,993	28,760	2,214
	2022	185,304	155,574	28,998	732
	2023	150,021	125,953	23,614	454
	2024	125,809	104,923	20,432	454
	<i>Subtotal</i>	<i>665,103</i>	<i>559,443</i>	<i>101,804</i>	<i>3,854</i>
Total		908,415	752,288	149,978	6,150
Percent of Total		100%	82.8%	16.5%	0.7%

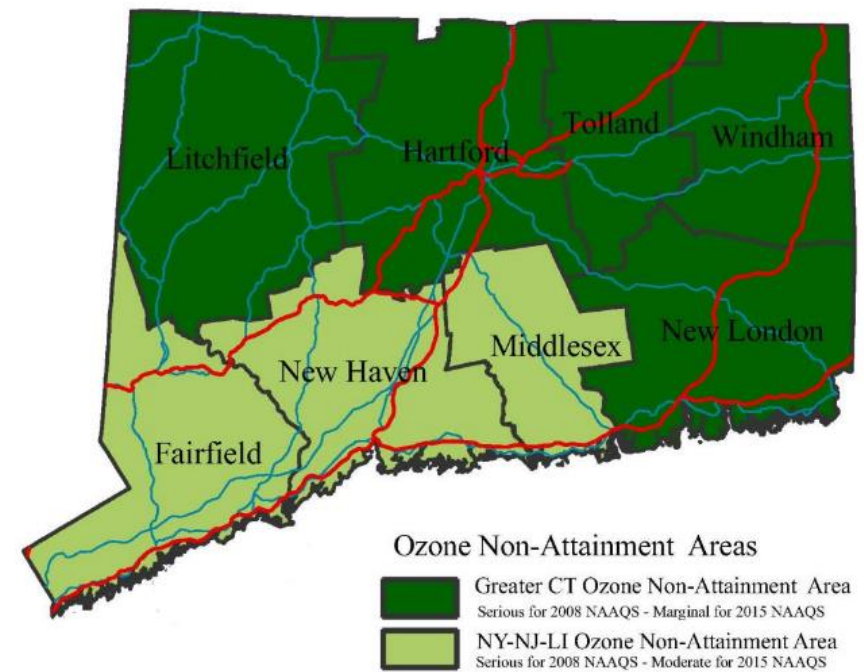
Note: Slight mathematical anomalies are a result of rounding to the nearest \$1,000.

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Air Quality Conformity Analysis

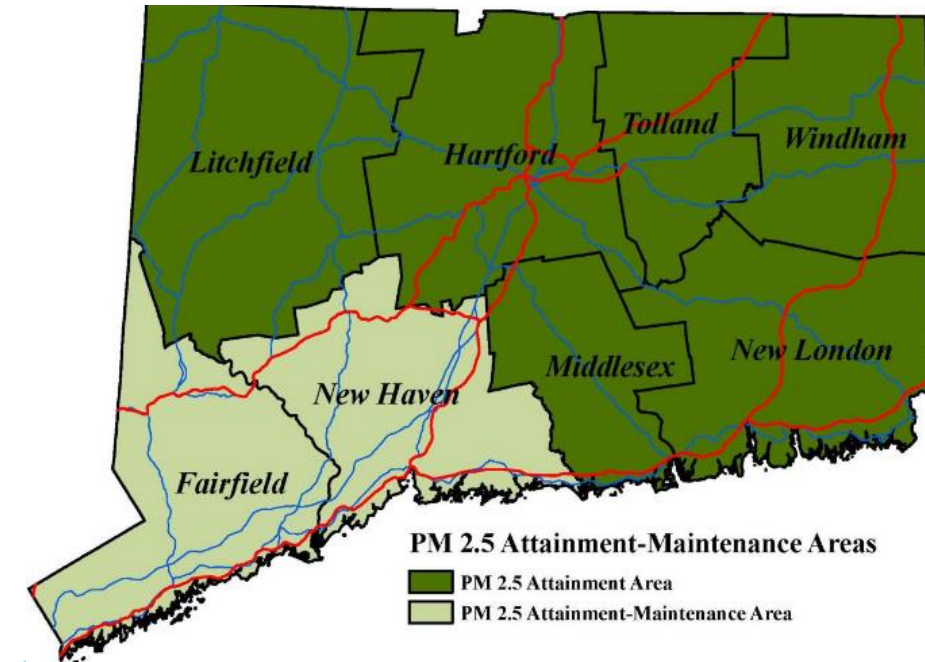
Air Quality Conformity Analysis

- ▶ Each regional planning agency (including CRCOG) is required to demonstrate that its TIP do not violate the federal Clean Air Act.
- ▶ CTDOT performs a statewide analysis, with all 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 3, 2018



1997 Annual & 2006 24-Hour PM 2.5 NAAQS - Effective October 24, 2013

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 TIP, when combined with all other regional plans and TIPs in the relevant air quality district, **passes 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	15.31	20.06	15.90	22.20	- 0.59	- 2.14
2025	12.65	13.25	15.90	22.20	- 3.25	- 8.95
2035	7.64	7.83	15.90	22.20	- 8.26	- 14.37
2045	6.47	6.98	15.90	22.20	- 9.43	- 15.22

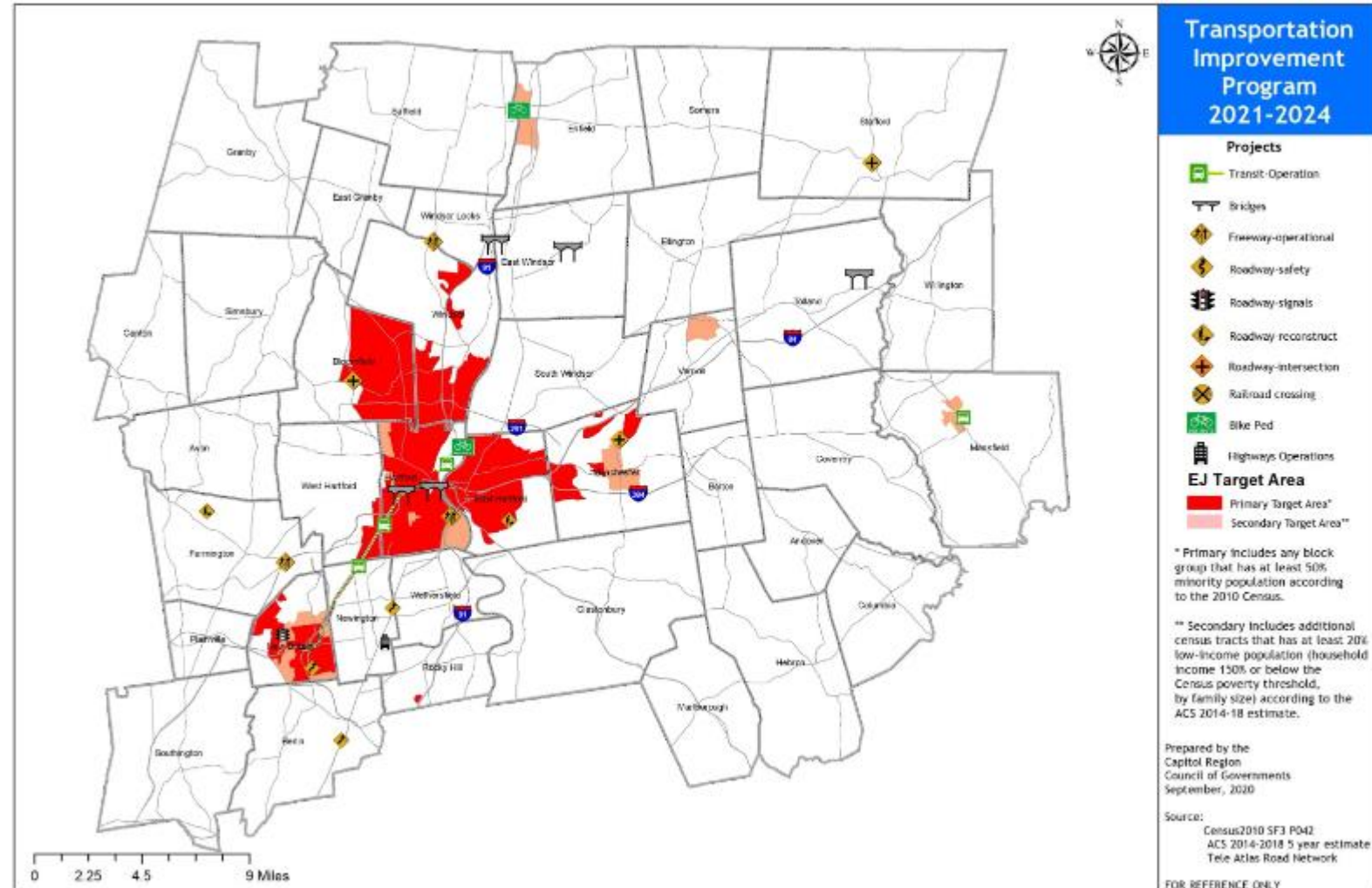
VOC:
Hydrocarbons or
Volatile Organic
Compounds

NO_x: Nitrogen
Oxides

Equity Assessment

Equity Assessment

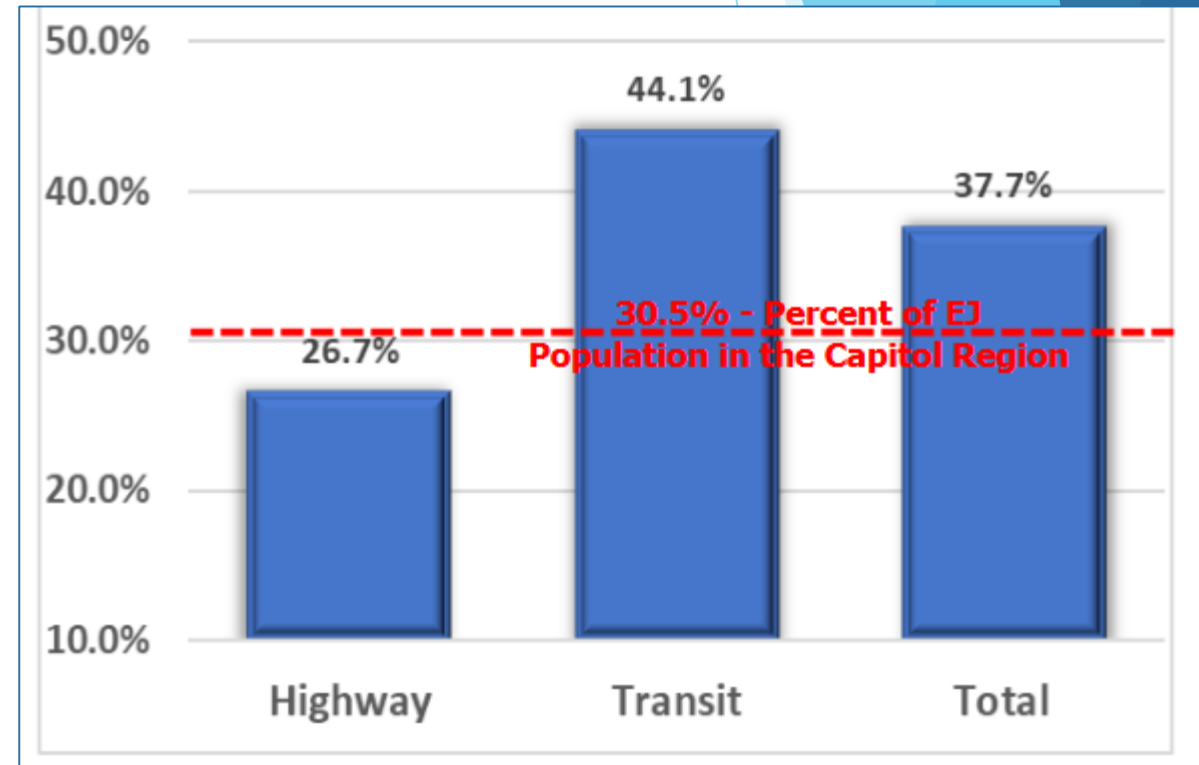
- ▶ CRCOG conducted an Equity Assessment to determine whether minority and low-income communities are receiving a fair share of funding and/or benefits from its transportation program.
- ▶ The Environmental Justice target area is a combination of:
 - ▶ Census Block Groups where at least 50% of the population is a member of a minority group
 - ▶ Census Tracts where at least 20% of the population is classified as low-income



Equity Assessment

- ▶ The conclusion of this assessment is that there **does not appear to be any bias** in the distribution of transportation funds and projects in the TIP.
- ▶ The analysis shows that 37.7% of funding in the TIP is being invested in the target area, whereas only 30.5% of the region's population lives in the target area.
- ▶ Therefore, CRCOG is investing a higher proportion of transportation funds in the target area than would be expected based on the size of the population in that area.

Percent of Funds within Target Area



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How to Provide Comments

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- ▶ **The comment period for the TIP runs through October 12, 2020.**
 - ▶ The TIP will then be considered for endorsement by CRCOG's Transportation Committee on October 26th and adoption by CRCOG's Policy Board on October 28th.
- ▶ Comments will be accepted (orally or via the chat box) at two virtual public meetings on September 30, 2020 at 1pm and 7pm.
- ▶ Comments may also be submitted to Michael Cipriano:
E-mail: mcipriano@crcog.org / Phone: (860) 724-4223
Mail: CRCOG, 241 Main Street, Hartford, CT 06106
- ▶ The TIP document is available for download at www.crcog.org/tip
 - ▶ To request a hardcopy, contact Michael Cipriano.
- ▶ The comment period for the Statewide TIP (STIP) runs through October 9, 2020.
 - ▶ For more information, please visit www.ct.gov/dot/stip.