



Capitol Region Council of Governments (CRCOG) Metropolitan Transportation Plan Update



CONNECT2050

➤ The Metropolitan Transportation Plan

CRCOG PLANNING DEPARTMENT'S CORE DOCUMENTS

- Regional Plan of Conservation and Development (POCD)
- Comprehensive Economic Development Strategy (CEDS)
- **Metropolitan Transportation Plan (MTP)**
 - **Federally Mandated and must comply with USDOT regulations**
 - **Updated on 4-year cycle: "CONNECT 2045" released 2019**
 - **Incorporates a Performance Based Data Driven Process**
 - **Public Meetings held November 16 & 17 and planned for March 8 & 9**
 - **DRAFT "CONNECT 2050" open for Public Comment and will be finalized Spring 2023**



Status of Region's Transportation System

PERFORMANCE-BASED PLANNING

Safety

- Rate/number of serious injuries
- Rate/number of fatalities
- Transit vehicle failures
- Transit safety events

Performance

- Congestion and delay
- Truck travel time reliability
- Vehicle emissions

Infrastructure

- Pavement conditions
- Bridge conditions

Transit Assets

- Vehicle condition
- Facility condition

NEW Measures

- % of non-Single Occupancy Vehicles
- Peak Hour Excessive Delay per Capita

Connecticut Traffic Deaths

January 1st - December 31st

2021
303

2020
300

2019
249

Preliminary Year-End

2022*
384



UCONN

CRCOG Fatalities by Person Type

January 1, 2022 - December 31, 2022



Driver and Passenger

Previous
5 year Average 44.75
2022 total* 61
Percent
Change 36.31 % ↑



Pedalcycle

Previous
5 year Average 3.25
2022 total* 2
Percent
Change 38.5 % ↓



Pedestrian

Previous
5 year Average 18.25
2022 total* 22
Percent
Change 20.55 % ↑

In Partnership with
UConn



Motorcycle

Previous
5 year Average 17.25
2022 total* 19
Percent
Change 10.1 % ↑



Connecticut
Transportation Safety
Research Center

MTP Goals and Objectives

Federal Requirements

Mobility and Access:

Identify key transportation investments and strategies to meet long-term access and mobility needs of the Region

Performance Based Planning:

Incorporate a performance-based data-driven process for selecting and implementing investments

Innovative Funding:

Identify innovative funding mechanisms to help finance the region's important transportation priorities

Fiscally Constrained Priorities:

Develop a fiscally-constrained implementation plan for the region's priority transportation projects

MTP Goals and Objectives

Federal Requirements

- According to Federal Law, must consider:
 - Economic vitality
 - Safety
 - Security
 - Accessibility and mobility of people and freight
 - Protect and enhance the environment
 - Enhanced connectivity
 - Efficient system management and operation
 - Preservation of the existing transportation system
 - Resiliency and Reliability
 - Performance Based Approach

Current USDOT Focus: climate change mitigation, resilience, equity, and safety for all users

MTP Goals and Objectives

2023 MTP Envisioned Emphasis Areas

Current USDOT Focus: climate change mitigation, resilience, equity, and safety for all users



Sustainability

- Electric Vehicles
- Transit-Oriented Development
- Multimodal Infrastructure Expansion
- Transportation Demand Management



Safety



Equity

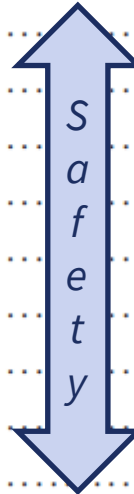
MTP Goals and Objectives

Updating of CONNECT2045 Content

Current USDOT Focus: climate change mitigation, resilience, equity, and safety for all users

Table of Contents

Purpose of the Capitol Region Council of Government's Metropolitan Transportation Plan –2019.....	00.i
Chapter 01 Sustainable Transportation System	01.1
Chapter 02 Transit and Rail System	02.1
Chapter 03 Highway System	03.1
Chapter 04 Complete Streets	04.1
Chapter 05 Airport System Ground Access.....	05.1
Chapter 06 Freight Transport System	06.1
Chapter 07 New and Emerging Technologies	07.1
Chapter 08 Transportation Performance Management	08.1
Chapter 09 Special Emphasis Areas.....	09.1
Chapter 10 Financial Plan	10.1
Chapter 11 Innovative Finance	11.1
Chapter 12 Environmental Justice.....	12.1
Chapter 13 Public Involvement.....	13.1



Climate Change & Resilience

Equity

MTP Goals and Objectives

Updating of CONNECT2045 Project Lists

- Fiscal Constraint
- Air Quality Conformity

	MPO	Project #	Town	Route/Street Number	Project Description	Added Capacity Y or N	Bridge #	Funding Source	1 to 4	5 to 10	11 to 27	Total
CTDOT - Transit	CRCOG	TBD	HARTFORD	CT Transit	Bus Maintenance Facility Improvements - Hartford SOGR	N		FTA	75000	175000		250000
	CRCOG	TBD	HARTFORD	CT Transit	Bus Maintenance Facility Improvements - Hartford (New Satellite)	N		FTA		150000		150000
	CRCOG	TBD	HARTFORD	HTFD LINE	Hartford Line - Existing Stations - Hartford	N		FTA			20000	20000
	CRCOG	TBD	STATEWIDE	All Transit Districts	Bus Fleet Overhauls & Replacements - All Other Buses	N		FTA	85000	20000	140000	245000
	CRCOG	TBD	STATEWIDE	Statewide Bus	Systemwide Technology Upgrades for Buses	N		FTA	15000	15000	60000	90000
	CRCOG	TBD	STATEWIDE	All Transit Districts	Bus Maintenance Facility Improvements - All Other Bus Facilities SOGR	N		FTA	60000	40000	80000	180000
	CRCOG	TBD	STATEWIDE	STATEWIDE	Multimodal Fare Technology Improvements	N		FTA		60000	135000	195000
	CRCOG	TBD	STATEWIDE	CT Transit	CT Transit System wide - Admin Capital / Misc. Support	N		FTA	19000	42000	133000	194000
	CRCOG	TBD	STATEWIDE	CT Transit	Bus Fleet Overhauls & Replacements - CTTransit	N		FTA	18500	166500	434000	619000
	CRCOG	TBD	VARIOUS	CT Transit	New BRT-Like Service - East of Hartford	N		FTA			50000	50000
	CRCOG	TBD	VARIOUS	CTFastrak	Bus Fleet Overhauls & Replacements - CTFastrak	N		FTA	5000	25000	60000	90000
	CRCOG	TBD	VARIOUS	CTFastrak	CTFastrak Stations & Fixed Guideway	N		FTA		40000	80000	120000
	CRCOG	TBD	VARIOUS	Statewide Bus	Bus Fleet Expansion in Urban Areas, Including Real-Time Scheduling and Smart Card Fare Boxes	N		FTA		19800	62700	82500
	CRCOG	0320-0015	WINDSOR	HTFD LINE	Hartford Line - Existing Stations - Windsor	N		FTA		50000	20000	70000
	CRCOG	0320-0016	WINDSOR LOCKS	HTFD LINE	Hartford Line - Existing Stations - Windsor Locks	N		FTA	50000		20000	70000
	CRCOG	0170-2296	BERLIN	HTFD LINE	Hartford Line - Existing Stations - Berlin	N		State			40000	40000
	CRCOG	0320-0017	ENFIELD	HTFD LINE	Hartford Line - Future Stations - Enfield	N		State	50000			50000
	CRCOG	TBD	HARTFORD	HTFD LINE	Hartford Line - Rehabilitation of Connecticut River Railroad Bridge	N		State		60000	90000	150000
	CRCOG	0320-0013	NEWINGTON	HTFD LINE	Hartford Line - Future Stations - Newington	N		State	50000			50000
	CRCOG	TBD	STATEWIDE	Rail Freight	Rail Freight Network Annual Funding Program (SOGR)	N		State	30000	10000		40000
	CRCOG	0320-0008	VARIOUS	HTFD LINE	Hartford Line - Phase 3B (Remaining Double Tracking, without CT River Bridge)	N		State	87500	127000		214500
	CRCOG	TBD	VARIOUS	CTRAIL	Rail Fleet - Coaches	N		State		300000	135000	435000
	CRCOG	TBD	VARIOUS	CTRAIL	Rail Fleet - Locomotives	N		State	225000	1275000	884000	2384000
	CRCOG	TBD	VARIOUS	CTRAIL	Systemwide - New Rail Shop for Diesel / Dual Power Locomotives & Coach Repairs	N		State			87500	87500
	CRCOG	0170-2296	VARIOUS	HTFD LINE	Hartford Line - Grade Crossing Elimination Program	N		State	1000	149000		150000
	CRCOG	0320-0014	WEST HARTFORD	HTFD LINE	Hartford Line - Future Stations - West Hartford	N		State	50000			50000
	CRCOG	0042-0317	EAST HARTFORD	RT 2	Rt. 2 Operational & Safety Improvements Between Exits 3 and 5	N		State		55000		55000
	CRCOG	0053-0192	Glastonbury/Wethersfield	Trail	Trail Connections to the Putnam Bridge Walkway	N		State		10500		10500
	CRCOG	0063-0703	HARTFORD	I-91	I-91 Charter Oak Bridge	N		FHWA		228000		228000
	CRCOG	0063-0716	HARTFORD	I-84	I-84 Hartford Viaduct Replacement	N		FHWA			3490000	3490000
	CRCOG	0063-0719	HARTFORD	Sigourney Street	Rehab/Replace Br 03023 o/ Capitol Ave & Amtrak	N		FHWA		22350		22350
	CRCOG	0118-0170	ROCKY HILL	RT 3, 99 & 411	Replace/Upgrade CTSS Equipment	N		FHWA		10800		10800
CTDOT - Highway	CRCOG	0155-0171	WEST HARTFORD	I-84	I-84 West Hartford Exits 40 & 42	N		State		65000		65000
	CRCOG	0160-0150	WILLINGTON	I-84	Replace Br 02169 over Lower Ruby Brook	N		State		12000		12000
	CRCOG	0171-0425	DISTRICT 1	CT 9 / CT 72	Replace Highway Signs & Supports on CT 9 (Exits 25-31) & CT 72 (Exits 1-9)	N		FHWA		14500		14500

Addition of Vetted Projects, Deletion of Obligated Projects

➤ Air Quality Conformity

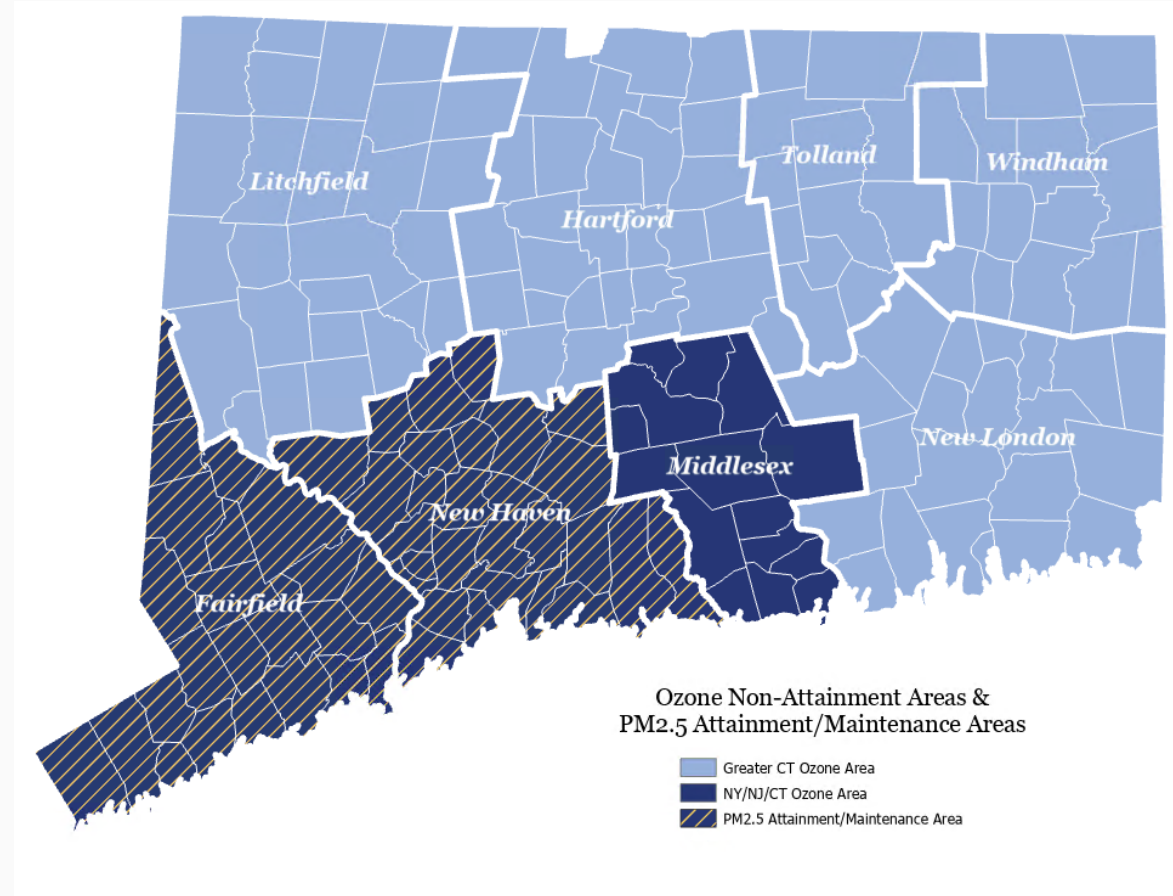
- CRCOG in Ozone Non-Attainment Area
- Air Quality Conformity Analysis Compliance Results in each MTP
- Major Projects Modeled and must be within Emissions “Budget”
- March 8 and 9 Public Meetings
- Will Seek Compliance Endorsement at April Policy Board



Ozone and PM_{2.5} Air Quality Conformity Determination

of the 2023-2050 Metropolitan Transportation Plans

and the 2021-2024 Transportation Improvement Programs, As Amended



The Metropolitan Transportation Plan

THE TRANSPORTATION PLANNING PROCESS

- **Progress Transportation Studies** that identify and vet through a public process Potential Projects that meet the MTP goals
- **Include Vetted Projects from Transportation Studies** in the MTP (Studied/supported, constrained fiscally, and achieving air quality conformity)
- **Include Project Phases in the Transportation Improvement Program (TIP)**
- **Progress Project Phases:**
 - Preliminary Design and Environmental (NEPA/CEPA Processes)
 - Final Design
 - Right-of-Way
 - Construction

The Metropolitan Transportation Plan

Sample of Major Projects in the Current Plan

Transit

- Hartford Line Rail Double Tracking and Stations
- Bus Transit Priority Corridors in Hartford and East Hartford

Highways and Bridges

- I-84 Viaduct (and awaiting Greater Hartford Mobility Study results)
- Putnam Bridge Replacement
- I-84/Route 4/Route 9 Interchange Area
- Various Projects from Corridor Studies

Bicycle/Pedestrian

- East Coast Greenway Completion
- Various Projects from Corridor Studies

MTP Goals and Objectives

Potential New Transportation Studies (for upcoming CRCOG work plan)

- Regional Bike/Ped Network Prioritization Plan
- Warehousing/Distribution Land-Use & Transportation Planning Study
- Equity Burden and Benefit Analysis
- Regional Electric Vehicle Plan
- Transportation Demand Management Scenario Planning
- Regional Transportation Safety Plan Update
 - Updated Data
 - Inclusion of Roundabout Study
 - Potential Complete Streets Case Study
 - Traffic Calming

Core Tasks (within all work plans)

1. Management of the Planning Process
2. Data Inventory, GIS, and Forecasting
3. Planning and Policy Development
4. Technical Assistance and Project Development
5. Public Participation, Title VI, and Environmental Justice

Draft Public Plan to Open for Comment

Public Comment Period: February 23 to March 26

Upcoming Public Meetings: March 8 and March 9

Policy Board Action: April 26

Website and Draft Report (posted by tomorrow)

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CONNECT2050

CRCOG METROPOLITAN TRANSPORTATION PLAN

The Capitol Region Council of Governments (CRCOG) is hosting two public meetings to solicit feedback on the draft Metropolitan Transportation Plan (MTP). This plan establishes the vision for the region's transportation system - highways, local roads, bicycle, pedestrian, and more - for the next 25 years.

Join us at one of our public meetings. We are offering two opportunities for participants to provide input on the plan.

For the latest information, to view the plan, or to join our mailing list, visit www.crcog.org/mtp or call 860-724-4293.



Pizza provided at both in-person meetings!



CRCOG does not discriminate on the basis of disability or language. Individuals may request auxiliary aids and/or language assistance by contacting (860) 724-4293 as soon as possible.

Un interprete estará disponible para esta reunión si usted lo solicita al (860) 724-4293, lo más pronto posible.

Jeśli potrzebujesz tłumacza na język polski, zadzwoń (860) 724-4293 jak najszybciej.

PUBLIC MEETINGS

Wednesday, March 8
6:00-7:30 PM

Thursday, March 9
12:00-1:30 PM

Offering HYBRID meetings

To attend in-person:
CRCOG Offices
241 Main Street, 3rd Floor
Hartford, CT

REGISTER to attend virtually:
Register at www.crcog.org/mtp to receive the Zoom meeting link.

CRCOG offices served by CTtransit routes 43, 31, 33, 37, and other nearby routes. For driving and parking information visit www.crcog.org.

CRCOG
CAPITOL REGION COUNCIL OF GOVERNMENTS

