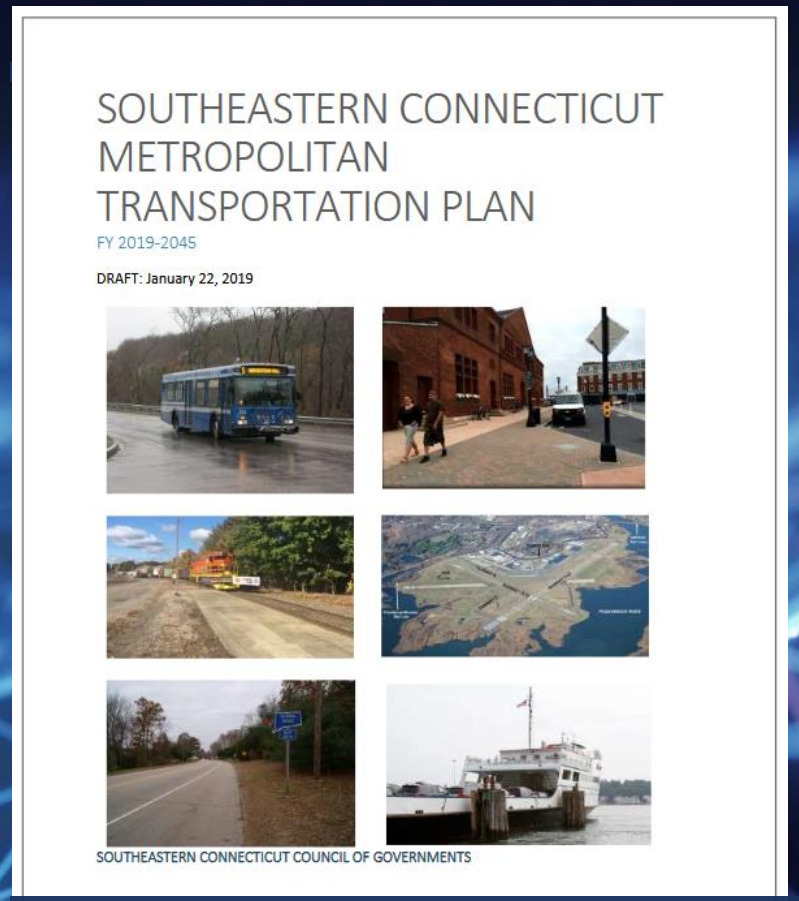
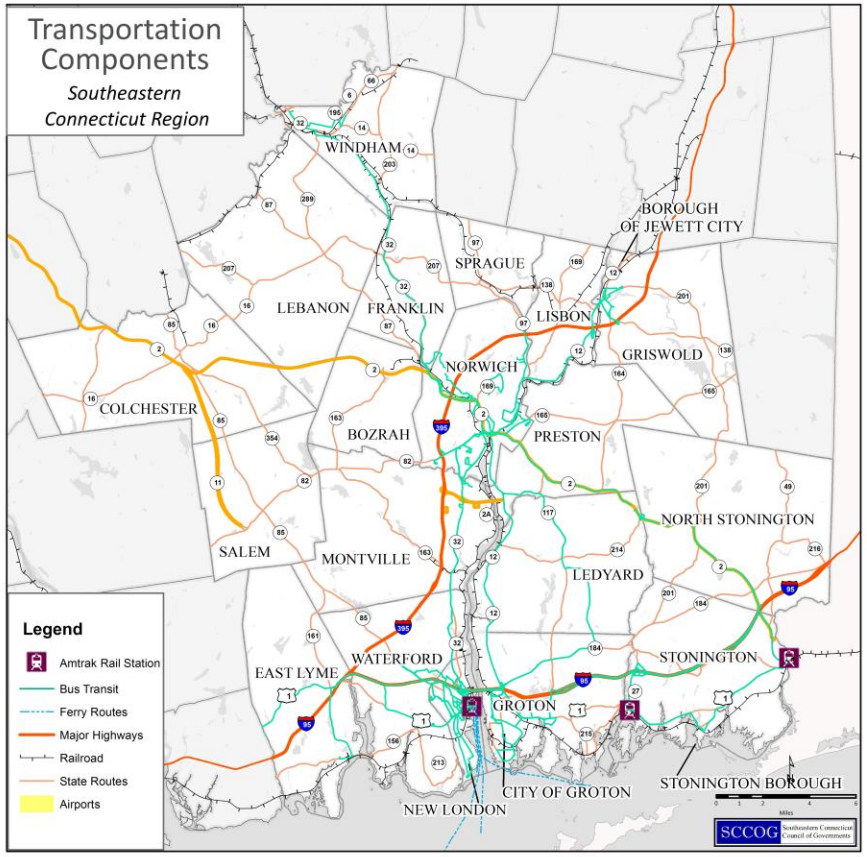


SOUTHEASTERN CONNECTICUT METROPOLITAN TRANSPORTATION PLAN

SOUTHEASTERN CT COUNCIL OF GOVERNMENTS : 2019-2045

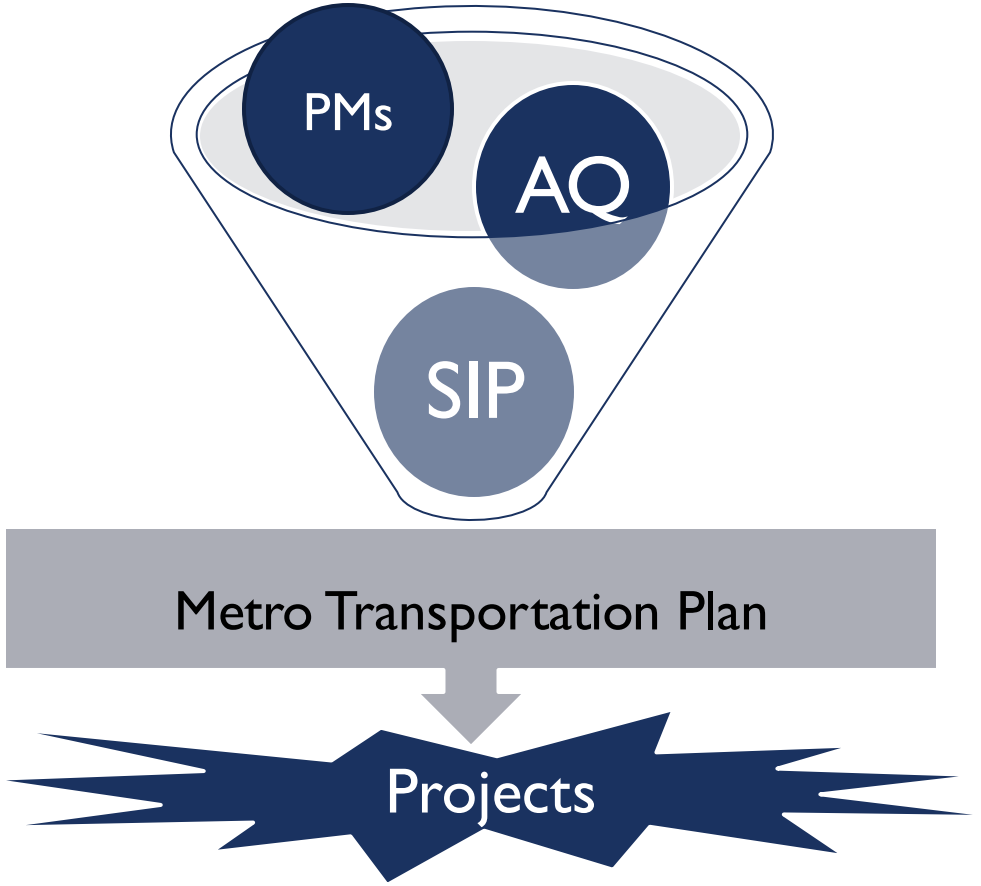
WHAT IS AN MTP?



- The plan includes long range and short range strategies and actions that provide for the development of an integrated multimodal transportation system to facilitate the safe and efficient movement of people and goods in addressing current and future transportation demand
- Minimum 20 year transportation plan

WHY THIS? WHY NOW?

- Federal requirement for the development and content of the Metropolitan Transportation Plan
- 23 CFR § 450.324
- 4-year cycle for Maintenance Areas
- Confirm the validity and consistency with current and forecasted conditions and trends
- Coordination between Municipalities, State agencies, Federal Highway Administration and Federal Transit Administration



AIR QUALITY CONFORMITY

- Any MTP or Transportation Improvement Program must report air quality conformity under the Federal Clean Air Act Amendments and coordinate with State Improvement Plan
- Federal Clean Air Act Amendments (CAAA) Section 176(c) (42 U.S.C.7506(c)) and EPA conformity regulations (40CFR 93 Subpart A)

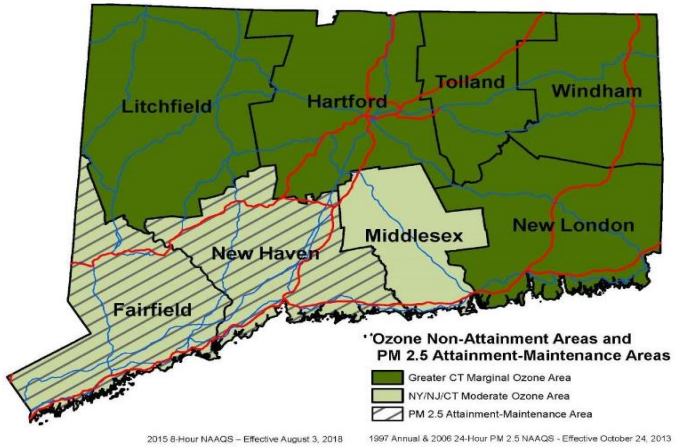


Table 1: Ozone Conformity - NOx and VOC Emissions Budget Test Results

Year	Ozone Area	Tons per day					
		Series 31G		Budgets		Difference	
		VOC	NOx	VOC	NOx	VOC	NOx
2018	CT Portion of NY-NJ-CT Area	16.61	23.74	17.6	24.6	- 0.99	- 0.86
	Greater CT Area	14.96	21.18	15.9	22.2	- 0.94	- 1.02
2025	CT Portion of NY-NJ-CT Area	12.39	13.94	17.6	24.6	- 5.21	-10.66
	Greater CT Area	11.18	12.53	15.9	22.2	- 4.72	- 9.67
2035	CT Portion of NY-NJ-CT Area	7.27	8.45	17.6	24.6	-10.33	-16.15
	Greater CT Area	6.49	7.53	15.9	22.2	- 9.41	-14.67
2045	CT Portion of NY-NJ-CT Area	6.41	7.85	17.6	24.6	-11.19	-16.75
	Greater CT Area	5.76	7.01	15.9	22.2	-10.14	-15.19

Table 2: PM2.5 Conformity - Direct PM2.5 and NOx Emission Budget Test Results

Year	PM2.5 Area	Tons per year					
		Series 31G		Budgets		Difference	
		Direct $PM_{2.5}$	NOx	Direct $PM_{2.5}$	NOx	Direct $PM_{2.5}$	NOx
2018	CT Portion of NY-NJ-CT Area	318.1	7,837.5	575.8	12,791.8	-257.7	-4,954.3
2025	CT Portion of NY-NJ-CT Area	221.6	4,707.9	516.0	9,728.1	-294.4	-5,020.2
2035	CT Portion of NY-NJ-CT Area	169.2	2,987.4	516.0	9,728.1	-346.8	-6,740.7
2045	CT Portion of NY-NJ-CT Area	152.4	2,803.5	516.0	9,728.1	-363.6	-6,924.6

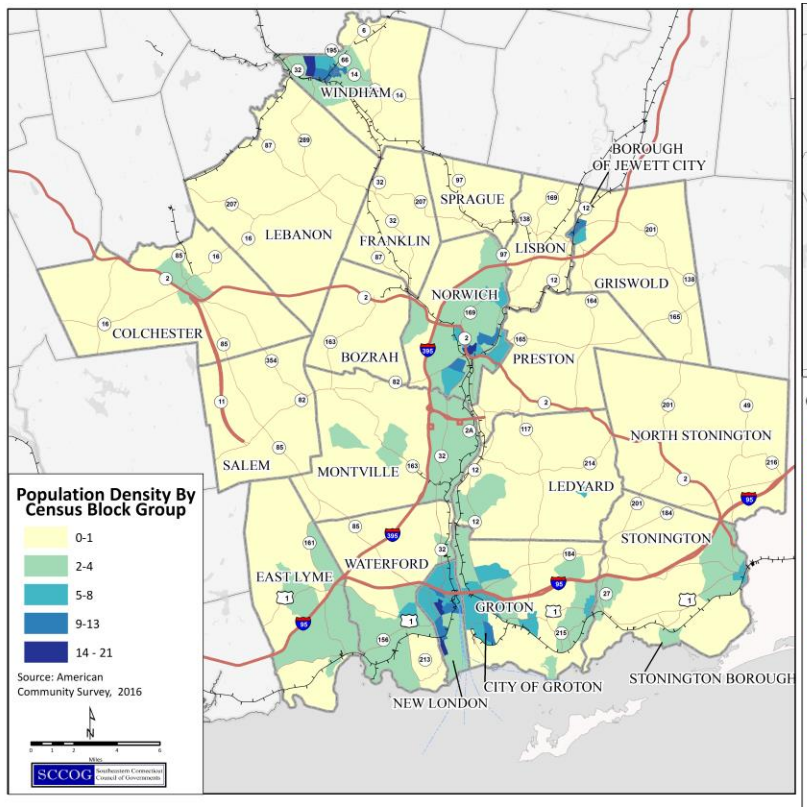
THIS MTP IS NEW AND DIFFERENT

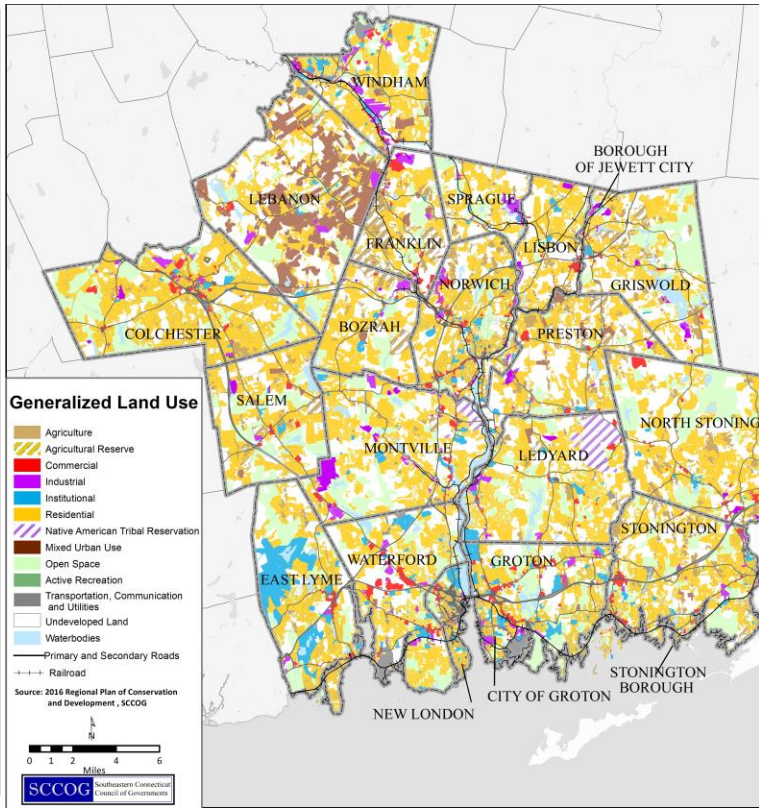
National Performance Goals
System Reliability
Safety
Reduction in Project Delivery Delays
Infrastructure Condition
Freight Movement and Economic Vitality
Environmental Sustainability
Congestion Reduction

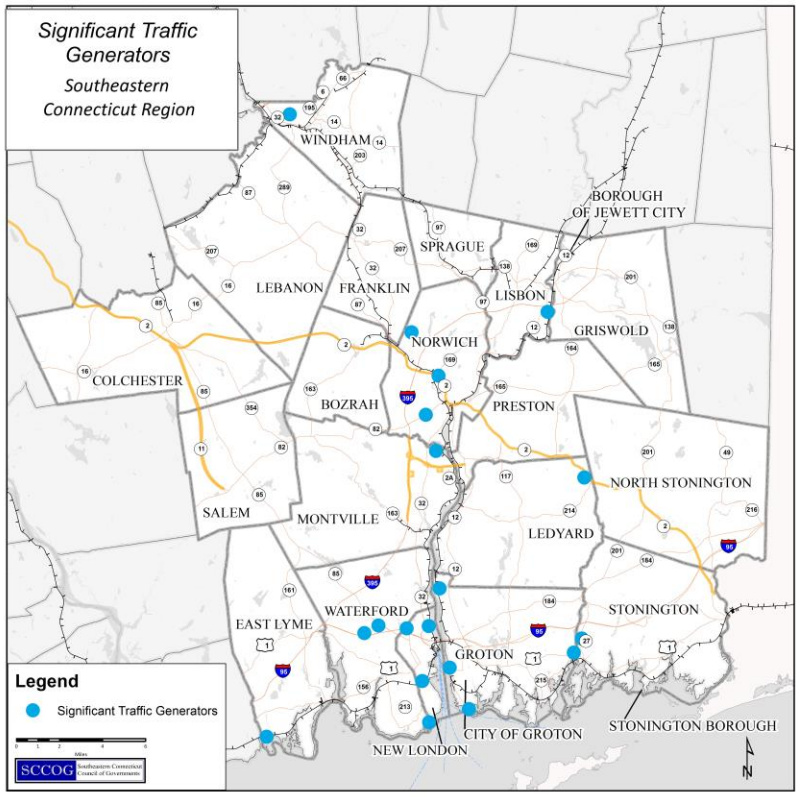
TRENDS

- Shifting funding landscape
- Adoption of new technologies
- Traffic volumes follow the economy

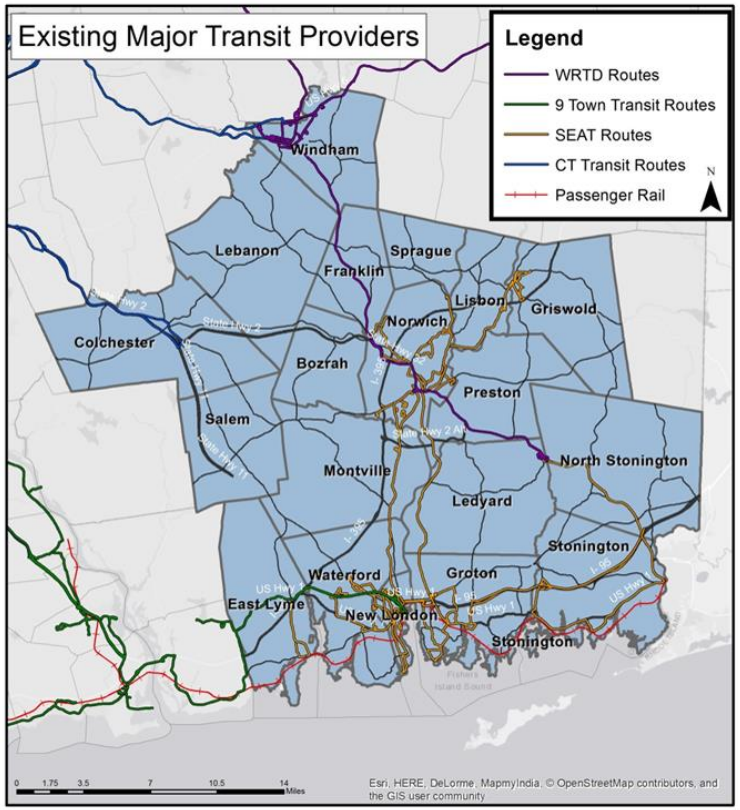
POPULATION : DEVELOPMENT : JOBS







DATA-DRIVEN DECISION MAKING



The Transportation Network includes many modes, providers, interconnected systems and external forces.

If commutes are congested, we can:

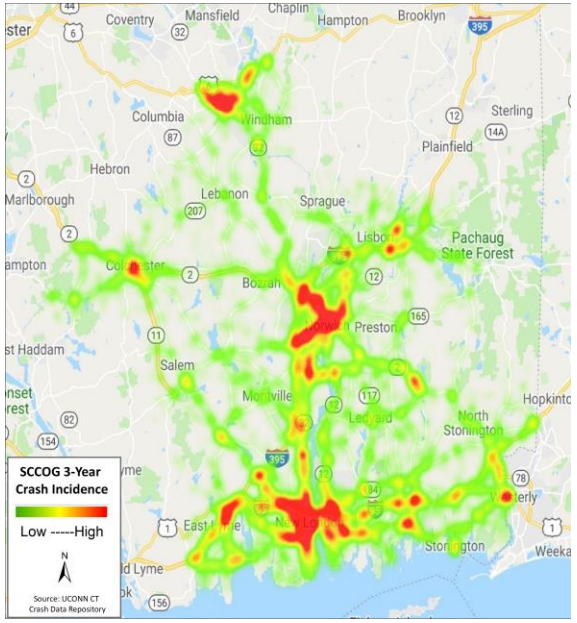
- Change routes
- Change modes(bus, bike, car, train)
- Organize a rideshare
- Shift start time
- Improve the efficiency of the system
- Have cars communicate with each other and the system

PERFORMANCE MANAGEMENT

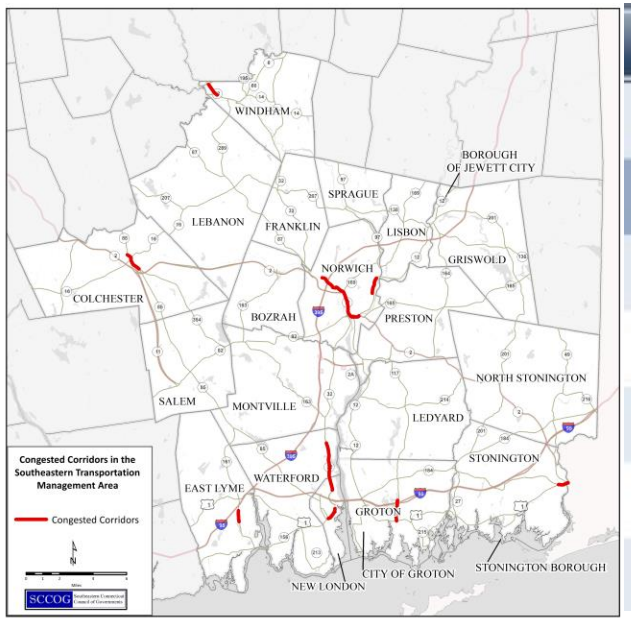
Measures come from:

The Region, The State and The Federal Government

Safety



Reliability



Federal Performance Measures

National Performance Goals
System Reliability
Safety
Reduction in Project Delivery Delays
Infrastructure Condition
Freight Movement and Economic Vitality
Environmental Sustainability
Congestion Reduction

APPORTIONMENT

ALLOCATION OF ANTICIPATED FHWA FUNDS TO MPO/RPO
2019-2045

	SYSTEM IMPROVEMENTS	SYSTEM PRESERVATION		
Distribution	Weights			
Vehicle Miles of Travel	0.25	0.25		
Volume to Capacity	0.75	0		
Lane Miles	0	0.75		
MPO/RPO			MAJOR PROJECTS OF STATEWIDE SIGNIFICANCE	TOTALS
Southwest MPO	1,247,718,585	1,395,377,517	986,400,000	3,629,496,102
Housatonic Valley MPO	795,276,632	1,176,217,827	400,000,000	2,371,494,458
Northwest Hills RPO	193,444,278	1,251,775,570	14,282,400	1,459,502,249
Naugatuck Valley MPO	902,216,700	1,525,205,994	64,360,000	2,491,782,694
GBVMPO	1,581,238,578	1,486,859,506	686,694,808	3,754,792,892
South Central MPO	1,958,758,671	2,197,972,654	502,196,808	4,658,928,134
Capitol MPO	3,435,253,922	4,289,839,748	3,036,580,597	10,761,674,266
Lower Connecticut River MPO	486,918,876	1,227,228,977	96,900,000	1,811,047,853
Southeastern MPO	688,275,436	1,664,487,304	194,666,396	2,547,429,137
Northeastern RPO	196,368,562	1,013,240,263	-	1,209,608,825
Totals	11,485,470,240	17,228,205,360	5,982,081,009	34,695,756,610

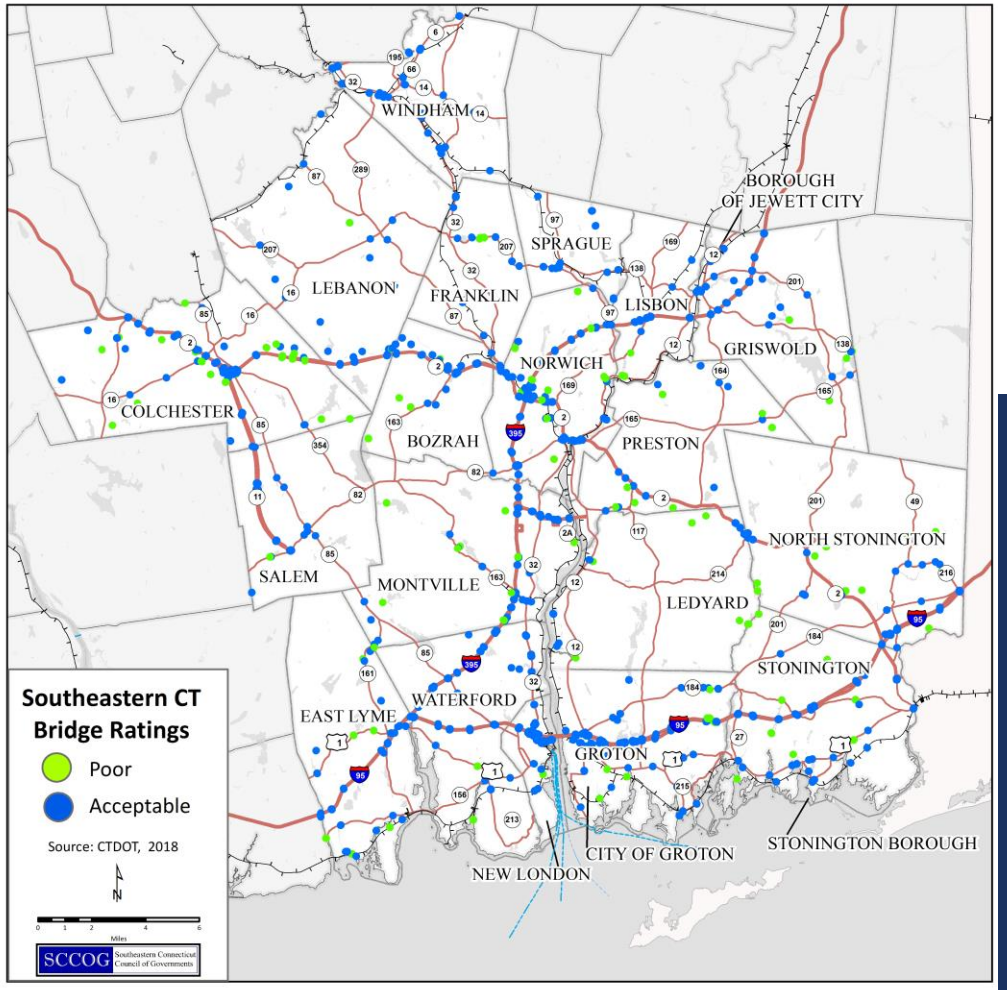
Note: System Improvements are projects which enhance safety, improve mobility, increase system productivity or promote economic growth.

System Preservation are projects such as repaving roadways, bridge repair or replacement and any other form of reconstruction in place.

CONSTRAINED FUNDING

A FIX IT FIRST APPROACH

Allocation of Anticipated SCCOG FHWA Funds	
System Improvements	$688,275,436
System Preservation	$1,664,487,304
Major Projects	$194,666,396
Total	$2,547,429,137



MAJOR PROJECTS AND THE MTP PROJECT LIST

- I-95 congestion, safety and state of good repair projects
- I-95/I-395 interchange improvements
- Route 85 safety and congestions improvements
- New Route 2A bridge span
- Route 66 bridges in Willimantic
- Region-Wide Bike and Pedestrian Improvements
- SLE service extension to the east, with more trains, new stops and expanded service hours
- 25% Expansion of SEAT service, BRT-like between Norwich and New London

2018 Gillig35' and 40' buses

Plans such as:
Regional Plan of Conservation and Development
Long Range Transportation Plan
Bike and Ped Plan
Joint Land Use Study
Regional Intermodal Transportation Center
State Transportation Improvement Plan
Unified Planning Work Program

Municipalities
CTDOT
Transit Districts

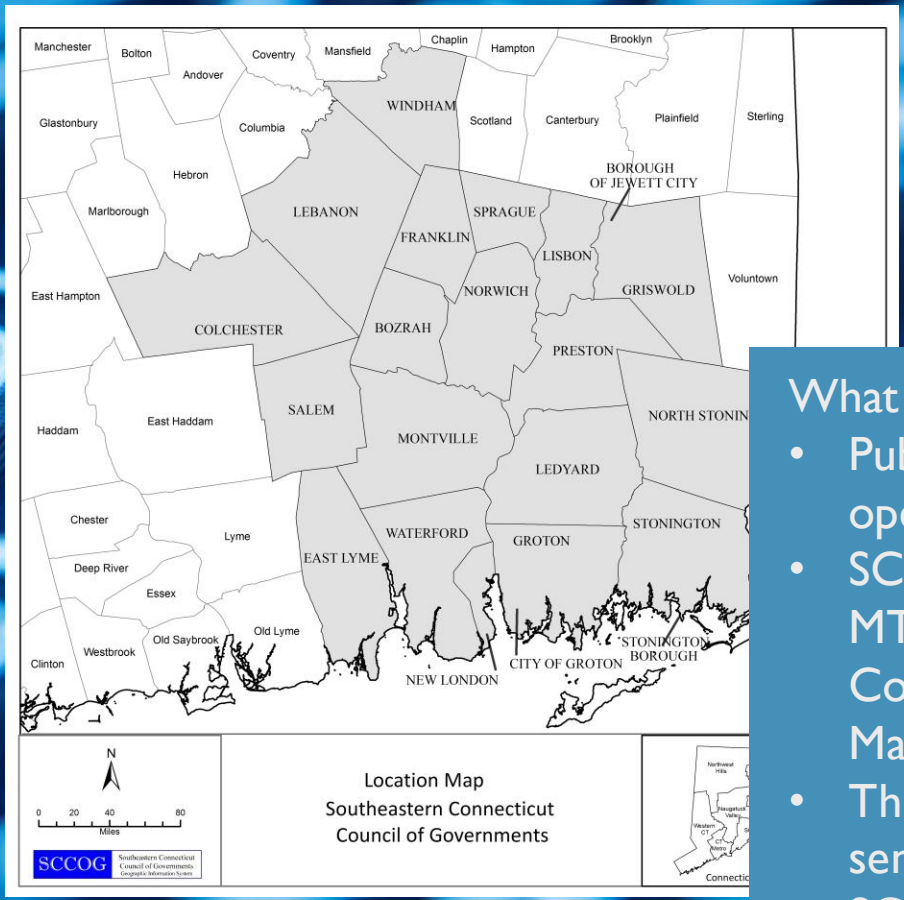
You
Constituent Comments
Data

WHERE DID THESE PROJECT COME FROM?

WHAT CAN WE EXPECT TO BE CONSTRUCTED?

LIVING DOCUMENT

- The MPO (COG) must update this plan every 4 years
- The MPO may update the plan prior to the end of the 4 year term with approval from CTDOT and FHWA
- Projects added or removed from the MTP project list which will have an impact on air quality conformity will trigger new modeling for the region.



What now?

- Public comment period is open through March 12th
- SCCOG will endorse the MTP and the Air Quality Conformity document on March 20th
- The endorsed MTP will be sent to CTDOT
- SCCOG continuously works to program projects from the MTP

THANK YOU

LET'S HEAR YOUR THOUGHTS.

IF YOU PREFER TO GIVE WRITTEN TESTIMONY PLEASE EMAIL COMMENTS TO:
OFFICE@SECCOG.ORG
WITH SUBJECT: MTP

WHAT PROJECTS GET MODELED? WHY IS THAT IMPORTANT?

- **I-95 projects or other federal highways**
- **Changing circulation patterns in Norwich Downtown**
- **New connector road in Windham**
- **New bridge span on the Mohegan-Pequot Bridge**
- **Route 82 round about corridor in Norwich**
- **SEAT 25% service increase**
- **New Shoreline East Station**

- Straightening curves on a
- Tri-town trail
- Improve under clearance of Poquonnock Road
- Hodges Square streetscape improvements in New London
- Signal upgrades
- Rehabilitation of culverts