

Governor's Climate Change Council

CTDOT Actions & Opportunities

Planning-Management

- Created sustainable transportation planning program in Strategic Planning Office
- Established sustainable transportation position

Transit System

- **Major investments & new services:**

RECENT:

- CTfastrak - new bus rapid transit service
- Hartford Line – new rail service (under construction)
- Shoreline East – service expansion
- Danbury Branch - signal system to enable more service
- New Haven Line
 - Stations: West Haven (new), Fairfield Metro (new), Stamford (renovation, parking, TOD)
 - Rail yard: expansion & improvement
 - Preservation: catenary, bridges, electric substations, ...

FUTURE: Let's Go CT proposals

- 25% expansion of regular bus system
- More bus rapid transit
- New Haven Line reconstruction & new service proposal
- Waterbury Branch improvements
- New Canaan Branch improvements
- **Energy efficient vehicles & facilities:**
 - M8 train fleet
 - Hybrid buses
 - Solar power at Hartford bus garage
- **TOD program:**
 - Created new policy program & positions
 - Collaboration with other state agencies

Bike & Pedestrian programs

- RECENT:
 - New full-time staff position
 - New design and construction policies
 - New Complete Streets policy
 - Training for design staff
 - Integration into road projects
 - Retrofit facilities & equipment
 - M8 rail cars
 - Bus racks
 - Putnam Bridge, Route 190 bridge
 - Trail gap program, more funding flexibility
- FUTURE: Let's Go CT proposals
 - Expanded trail program

- New trail maintenance program
- New urban walk & bike connectivity program

Other Mitigation Efforts

RECENT:

- Recycled asphalt
- Mowing practices
- Biodiesel fuel
- Solar & fuel cell systems at transit garages
- Snow clearing practices: no sand, chemical application rate = ½ that of neighboring states
- Diesel retrofit on construction equipment
- Adapting designs for new and reconstructed structures: highway bridge and transit facilities
- Sustainable highway designs – bioswales, rain gardens, grass shoulders, permeable sidewalks
- LED traffic signals

● FUTURE: Let's Go CT proposals

- Major Goal: Support Livable Resilient Communities:
- Transportation programs should be coordinated with other policies & programs to support more livable, resilient communities
 - More opportunities for walking & bicycling
 - Complete Streets policy
 - New funding programs: Trail construction, Trail maintenance, Walkable & bike-friendly communities
 - Major transit investments

Adaptation Efforts

- Pilot Study: Vulnerability assessment of bridges & culverts in NW CT
- Adapting designs for new and reconstructed structures: highway bridge and transit facilities
- Participated in NY-NJ-CT coastal vulnerability study
- Participating in CT's NDRC proposal