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 = \( \frac{1}{2} \) 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