



CAPE COD REGIONAL TRANSIT AUTHORITY

Cape Cod's Public Transportation System

Barnstable Local Comprehensive Plan
March 14, 2024

- ▶ The Cape Cod Regional Transit Authority (CCRTA), is one of 15 Regional Transit Authorities within the Commonwealth of Massachusetts and has been providing public transportation services since 1976 to residents and visitors as well as consumers of state agencies and human service organizations for all 15 Cape Cod communities.

- ▶ CCRTA Mission Statement

- ▶ Our mission is to provide excellent customer service through efficient, reliable, safe, and affordable transit options to all of our customers and communities.

As Administrator for the CCRTA, it is extremely important to me that ALL our employees remain responsive, respectful and friendly and I am very confident your CCRTA experience will be pleasant. Please don't hesitate to contact us with any thoughts, observations and/or concerns at www.capecodrta.org.

- ▶ Sincerely,
 - ▶ Thomas S. Cahir
Administrator

ABOUT THE CCRTA



CAPE COD RTA TRANSPORTATION SERVICES

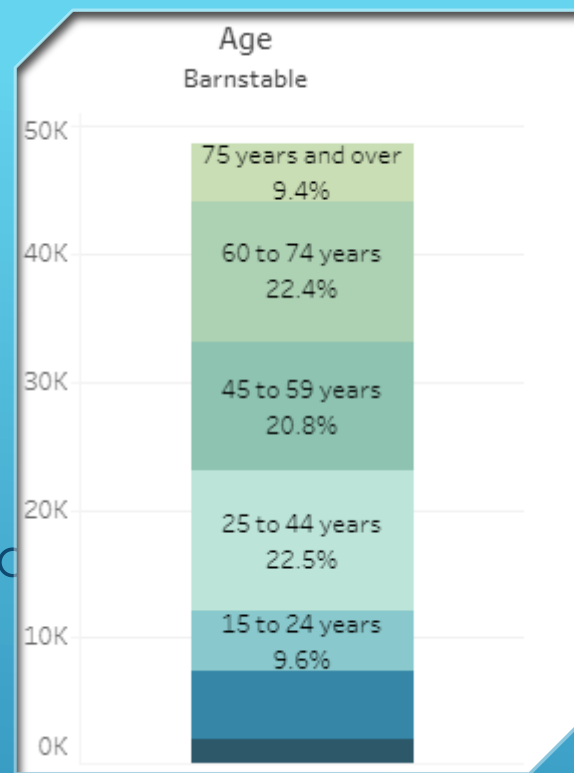
- ▶ Fixed Route Services
- ▶ ADA Transportation Services
- ▶ Dial-A-Ride Transportation
- ▶ SmartDART
- ▶ Boston Hospital Transportation
- ▶ Summer Services/CapeFLYER Passenger Train



- ▶ Housing Development
 - ▶ Transportation is crucial to consider when building
 - ▶ Collaborate with Housing to Protect Cape Cod, (HPCC), Housing Assistance Corporation (HAC), developers, Commission

CURRENT PRESSING
NEEDS

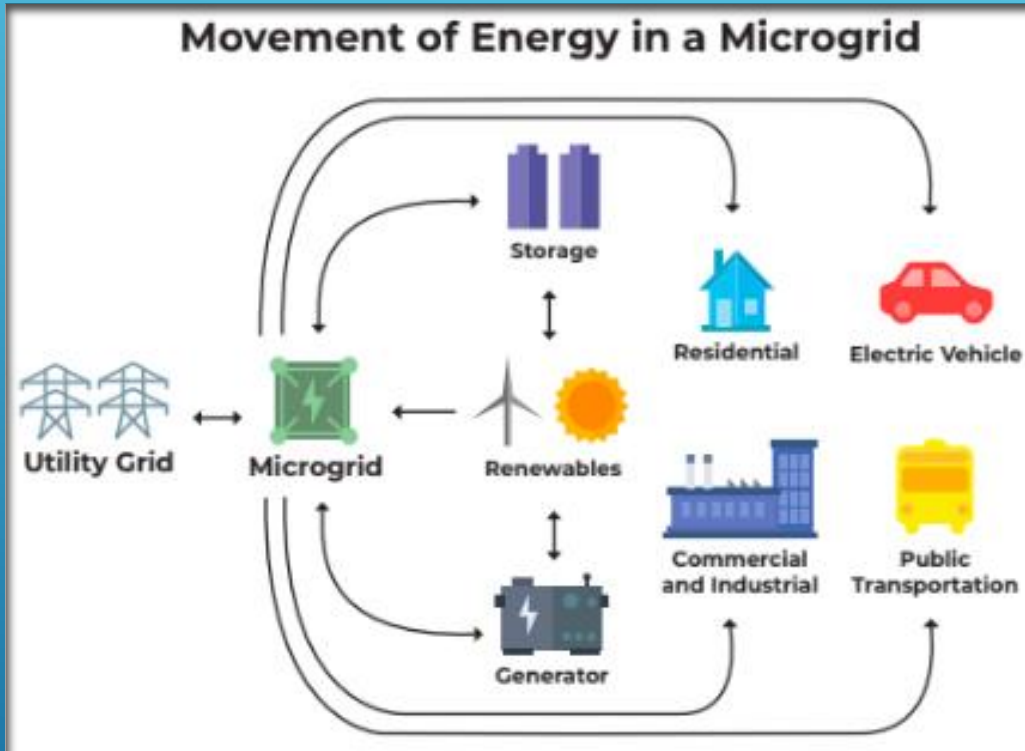
- ▶ Older Adult Mobility
 - ▶ Collaboration with Councils on Aging (COA)
 - ▶ Free Fares Forever
 - ▶ Outreach and Training
- ▶ SmartDART Expansion
 - ▶ App-based, ride-hail service will expand Cape-wide making travel to the transportation “Hub” easier and more convenient
- ▶ Go Card
 - ▶ Transition to cashless, app-based, user-friendly fare system using same technology as SmartDART.
 - ▶ Immediate data collection and reporting available to create improved statistical evaluation



CURRENT PRESSING NEEDS



- ▶ Environmental Sustainability
 - ▶ EV Infrastructure
 - ▶ Collaboration with Town of Barnstable ~ Sean Hogan
 - ▶ Cape Cod Climate Change Collaborative
 - ▶ Microgrid
 - ▶ Collaboration with Cape Cod Gateway Airport ~ Katie Servis



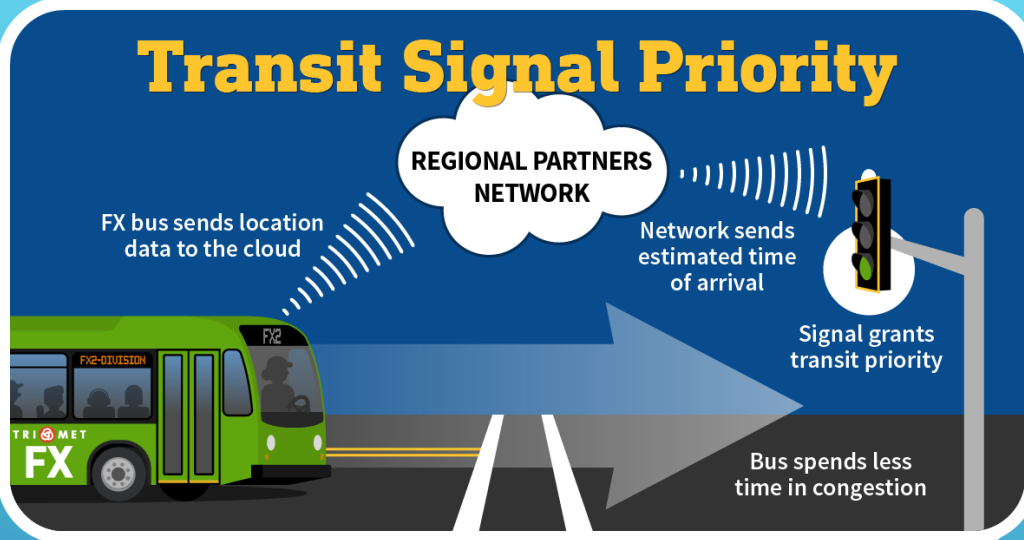
FUTURE PRESSING NEEDS

- ▶ Technology and Multi-Modal
 - ▶ Transition to Go Cards (Current)
 - ▶ Cashless, App-based, User Friendly
 - ▶ Seamless Transfers between all modes of transportation



VISION FOR BARNSTABLE

- ▶ Smart traffic management systems
 - ▶ Could dynamically adjust traffic signals to prioritize public transit vehicles and reduce congestion.
 - ▶ Currently used by transit providers to help expedite traffic flow and keep vehicles on time.
- ▶ Autonomous Vehicles?
 - ▶ The U.S. is a major hub for autonomous vehicle research and development. Companies like Waymo (a subsidiary of Alphabet Inc., the parent company of Google), Cruise (owned by General Motors), and Tesla are actively testing autonomous vehicles on public roads in states such as California, Arizona, and Texas.
 - ▶ Additionally, research institutions like Stanford University and Carnegie Mellon University are conducting cutting-edge research in autonomous vehicle technology.



VISION FOR BARNSTABLE



▶ 10-Year Strategic/5-Year Capital Plan

- Focused mostly on the migration from fossil fuel vehicles to Electric Vehicles (EVs) and Zero Emission Vehicles (ZEVs) and related infrastructure (contained on CCRTA website)
- Continued focus on transit improvements (e.g. support older adults; new housing construction)
- Further develop data driven strategies and supporting technology to ensure continual evaluation of the effectiveness and efficiency of the CCRTA's delivery of public transit services
- Hatch EV/ZEV Transition Plan to EVs/ZEVs
- Successful efforts to significantly increase federal funding in support of expanded transit service
- NTD ferry service reporting – results in major increases in federal funding (apportionments)

BEST PRACTICES & INNOVATIVE STRATEGIES

Cape Cod Regional Transit Authority

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THANK YOU!

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