8/12/2026

Boone Community Climate Action Plan (CCAP)

5-year Update

George and Jilian

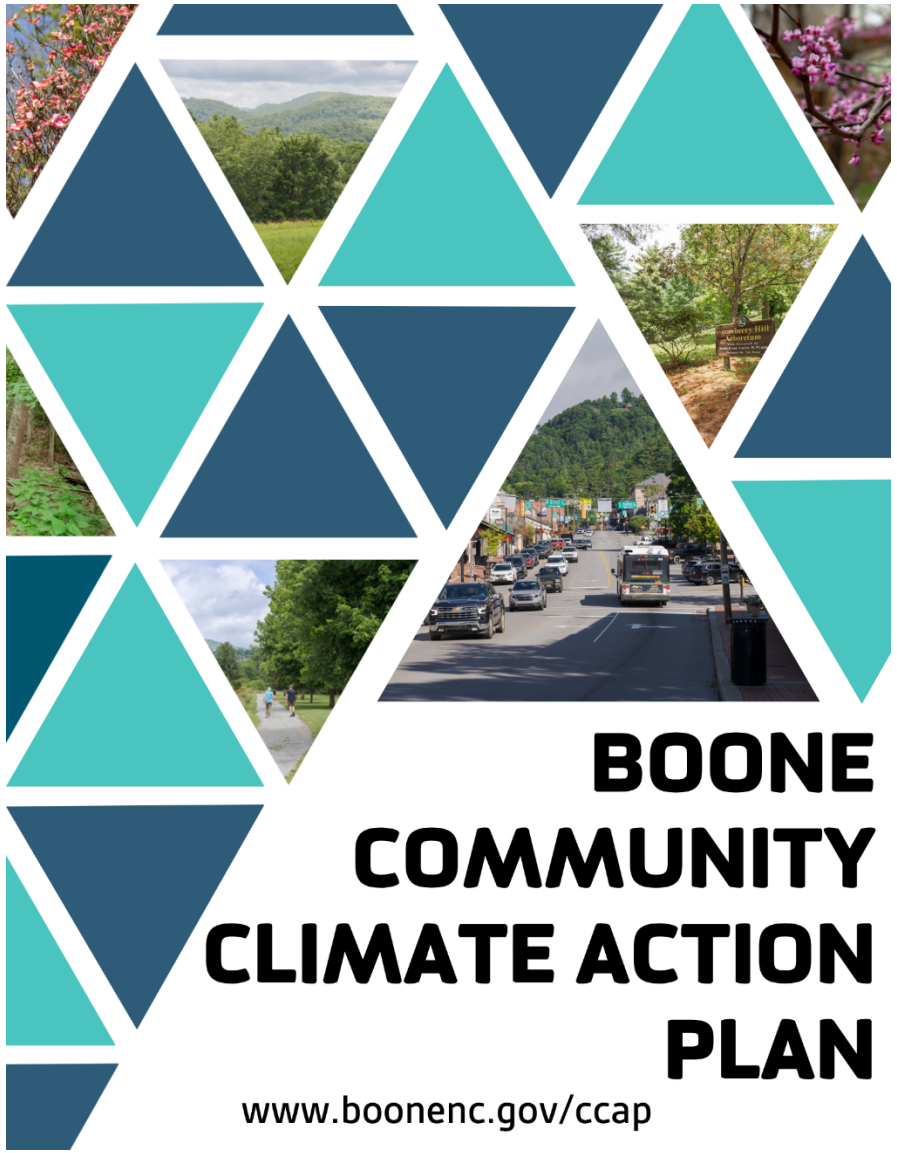
CCAP History

In 2016, Boone passed its 1st climate resolution to support the state goal of 100% clean energy by 2050.

In 2019, the Town Council passed a 2nd resolution clarifying the Town of Boone's goals to combat climate change.

In 2023, Boone contracted with ICLEI to complete a Greenhouse Gas Inventory and the Community Climate Action Plan

In March of 2024, the Boone Town Council adopted the Boone Community Climate Action Plan (CCAP).



Greenhouse Gas Inventory (GHG)

TOWN OF BOONE MUNICIPAL OPERATIONS GHG EMISSIONS

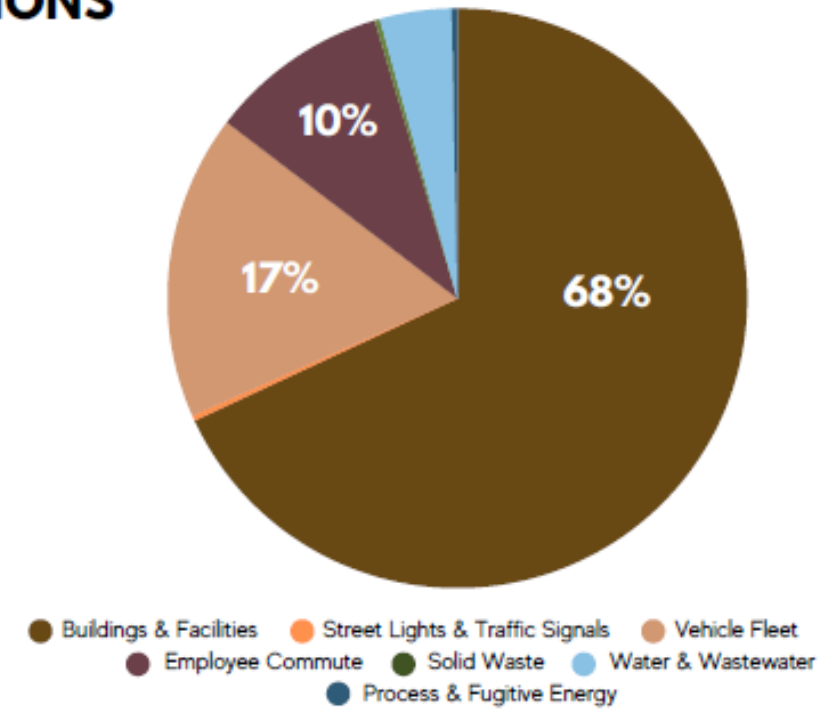


Figure 4. Boone 2020 Municipal Operations Emissions (CO_2e) by Sector

TOWN OF BOONE COMMUNITY-WIDE GHG EMISSIONS

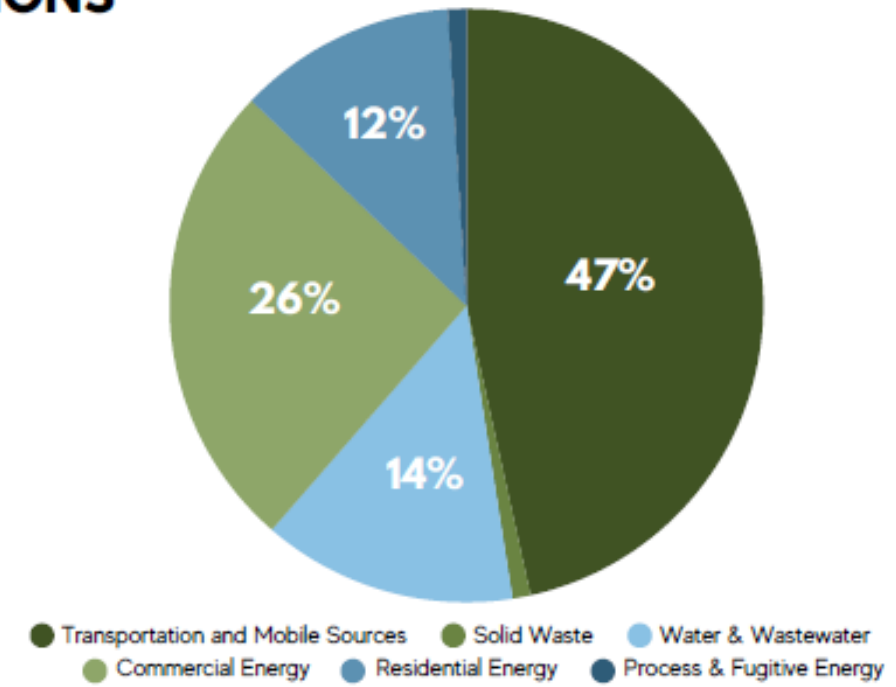


Figure 3. Boone 2020 Community Wide Emissions (CO_2e) by Sector

Electricity from 100% renewable sources

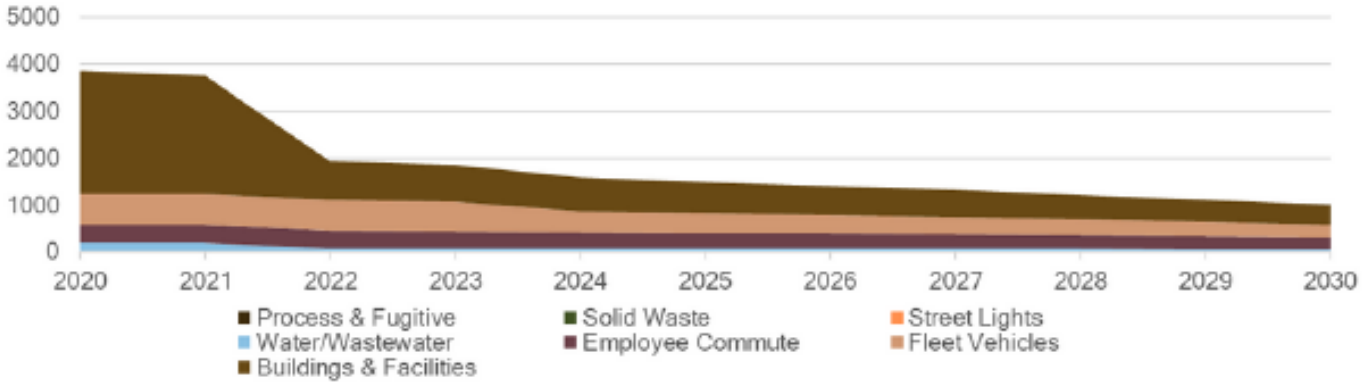


Figure 7. Municipal Operations of Implementation of Strategies

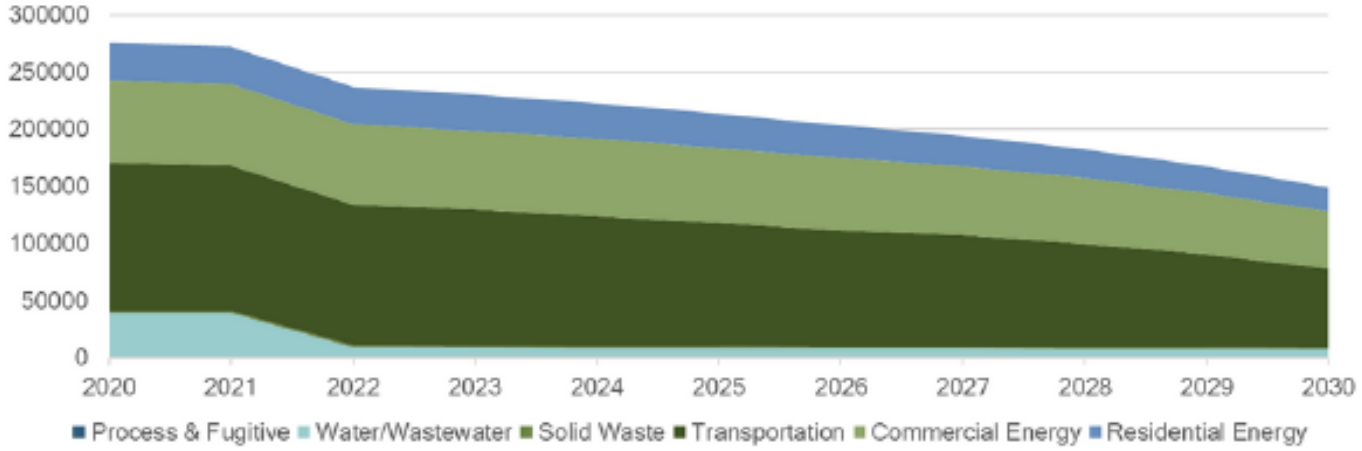


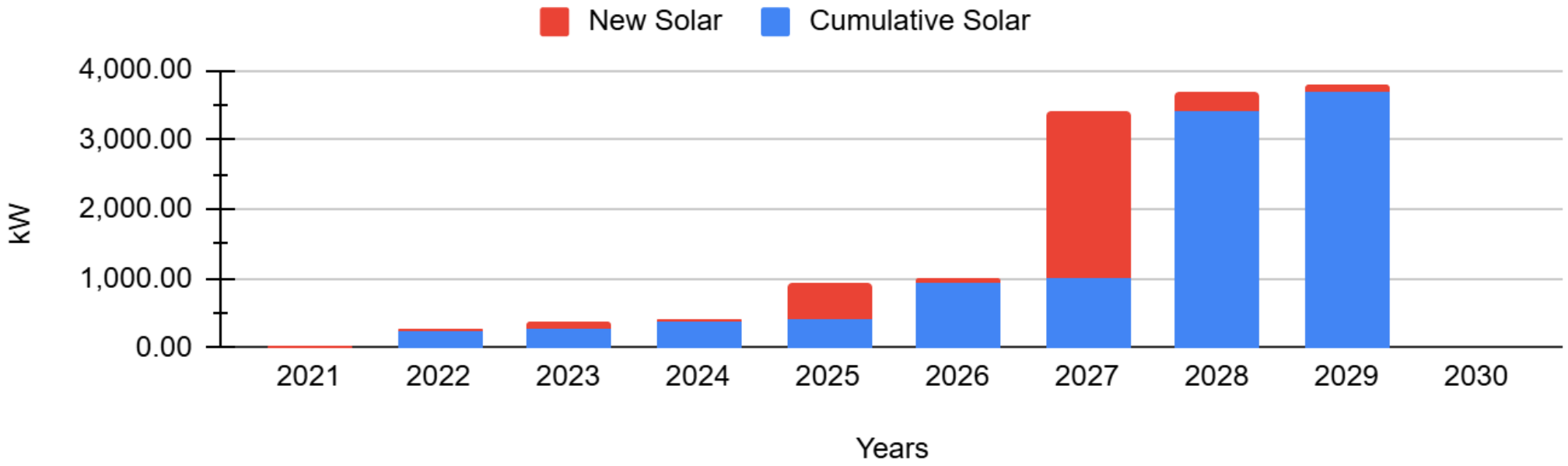
Figure 6. Community-Wide Results of Implementation of Strategies

BOONE SUSTAINABILITY

TOWN OF BOONE

Distributed Energy Resources

CCAP Goal is 3 MW by 2030



- As of 2025, Boone is at almost 30% of the 2030 goal
- Future opportunities are robust

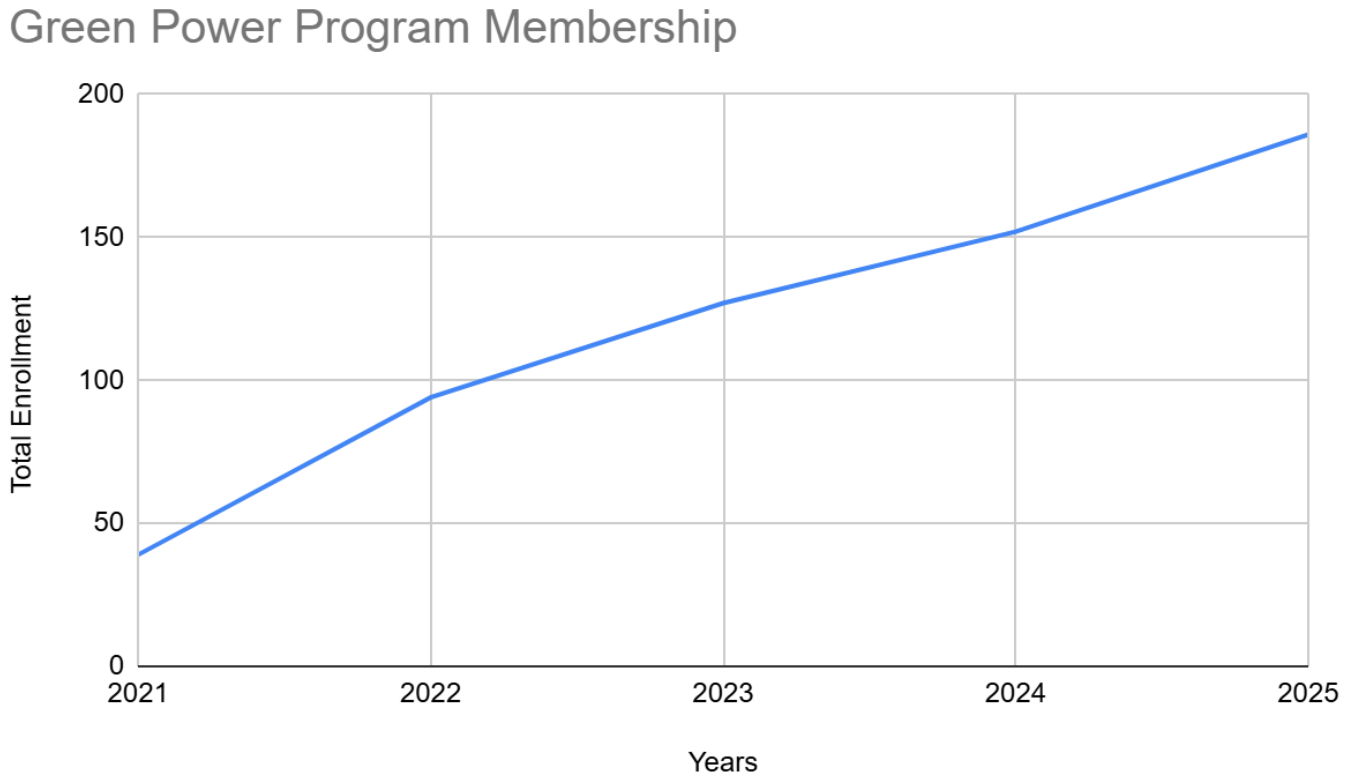
- Federal incentives have been eliminated
- Current local utilities' policies suppress participation

Community Enrollment

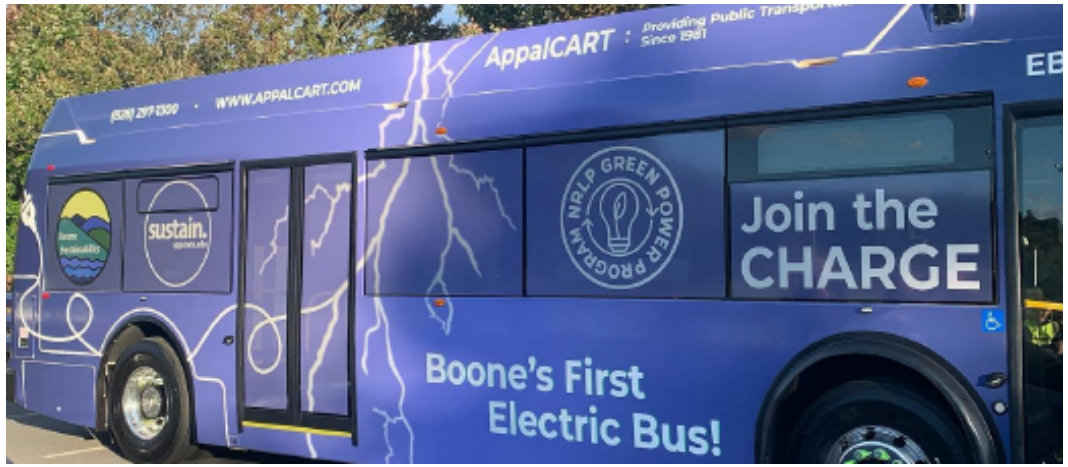
Increasing enrollment in the Green Power Program!

Adoption is not fast enough to hit the 2030 goal.

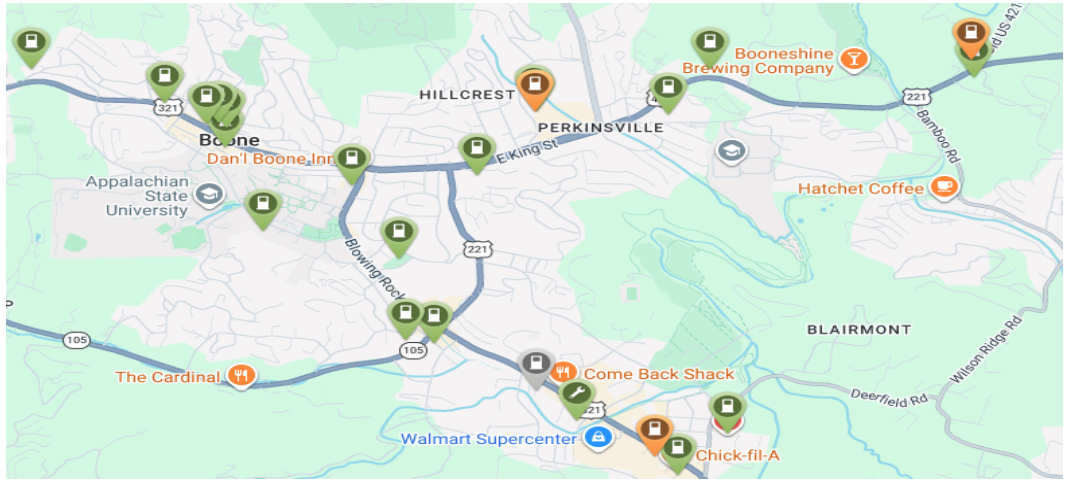
NRLP Green Power price continues to climb.



Transportation







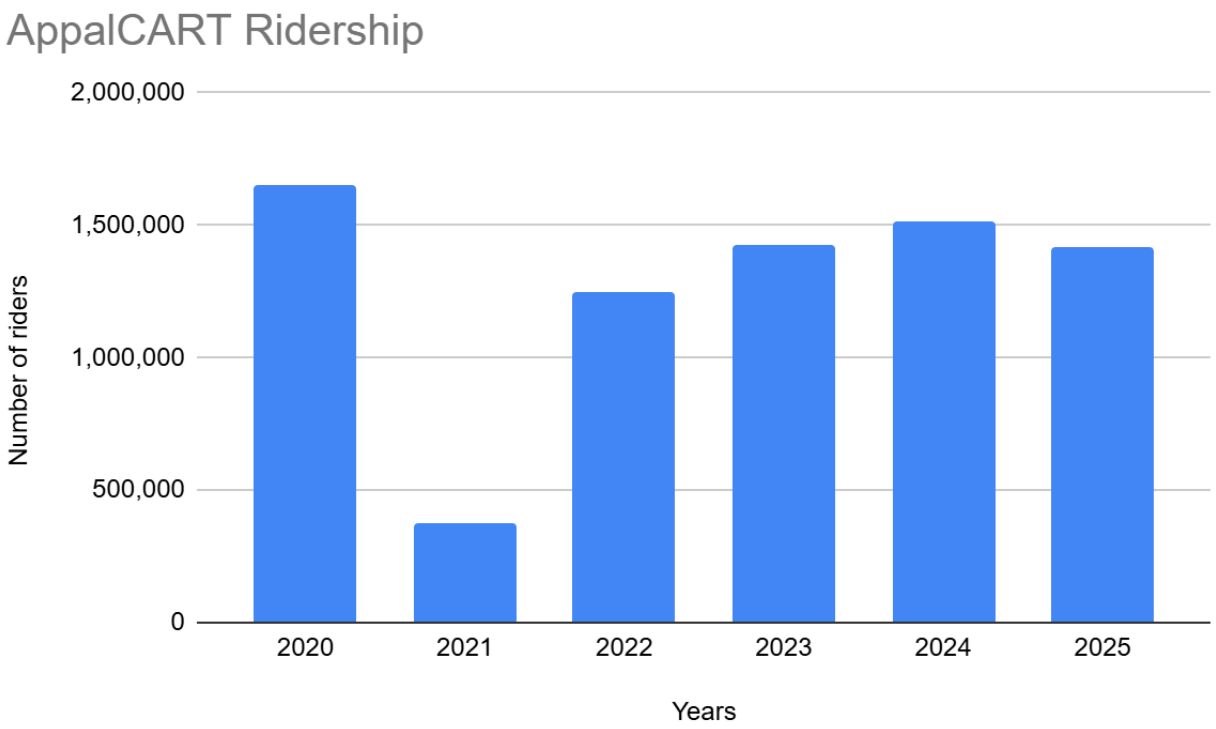


Mass Transit

The new double-decker bus is proving popular. There are more on the way.

Ridership is strong, but it has not yet reached pre-COVID numbers.

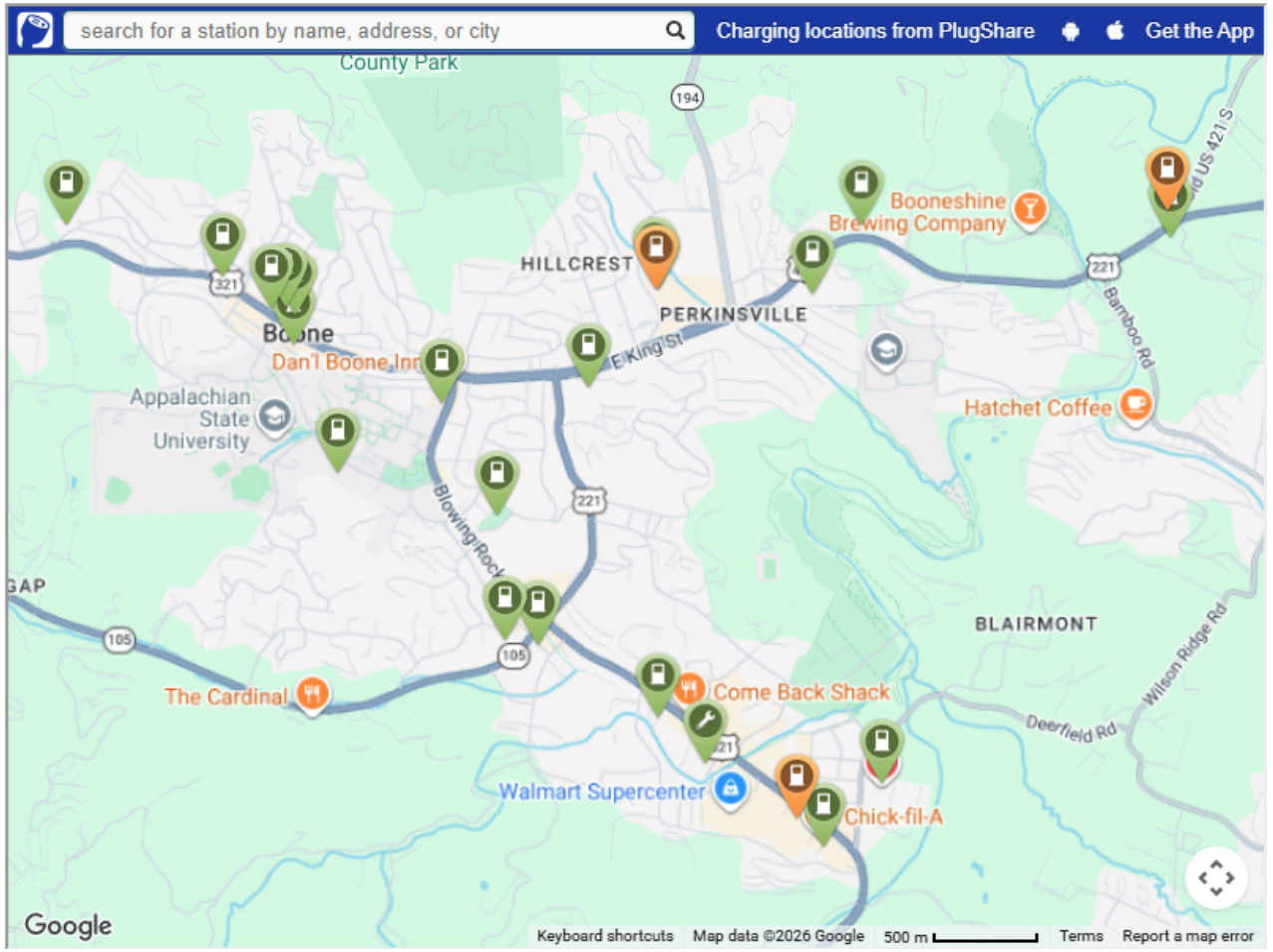
Challenges in hiring new drivers prevent route expansion.



EV Charging

From 2021 to 2025, 48 new public chargers have been installed in Boone

Boone has 10 town-owned public chargers.



Fleet EVs











Nature, Parks, and Water Quality





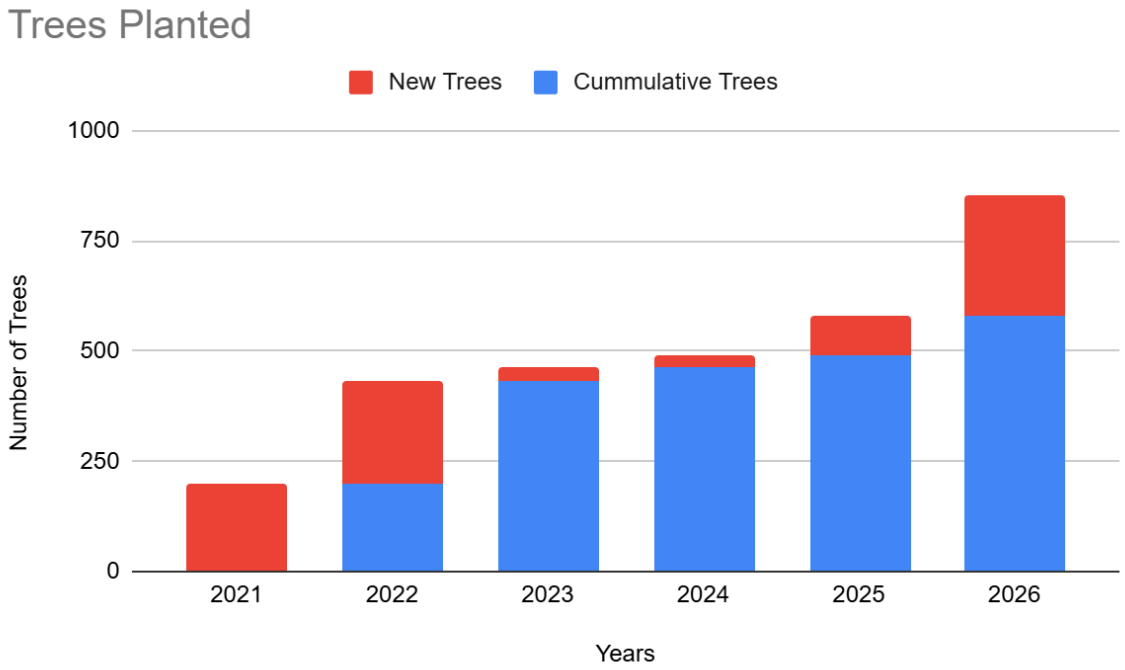


Trees Planted

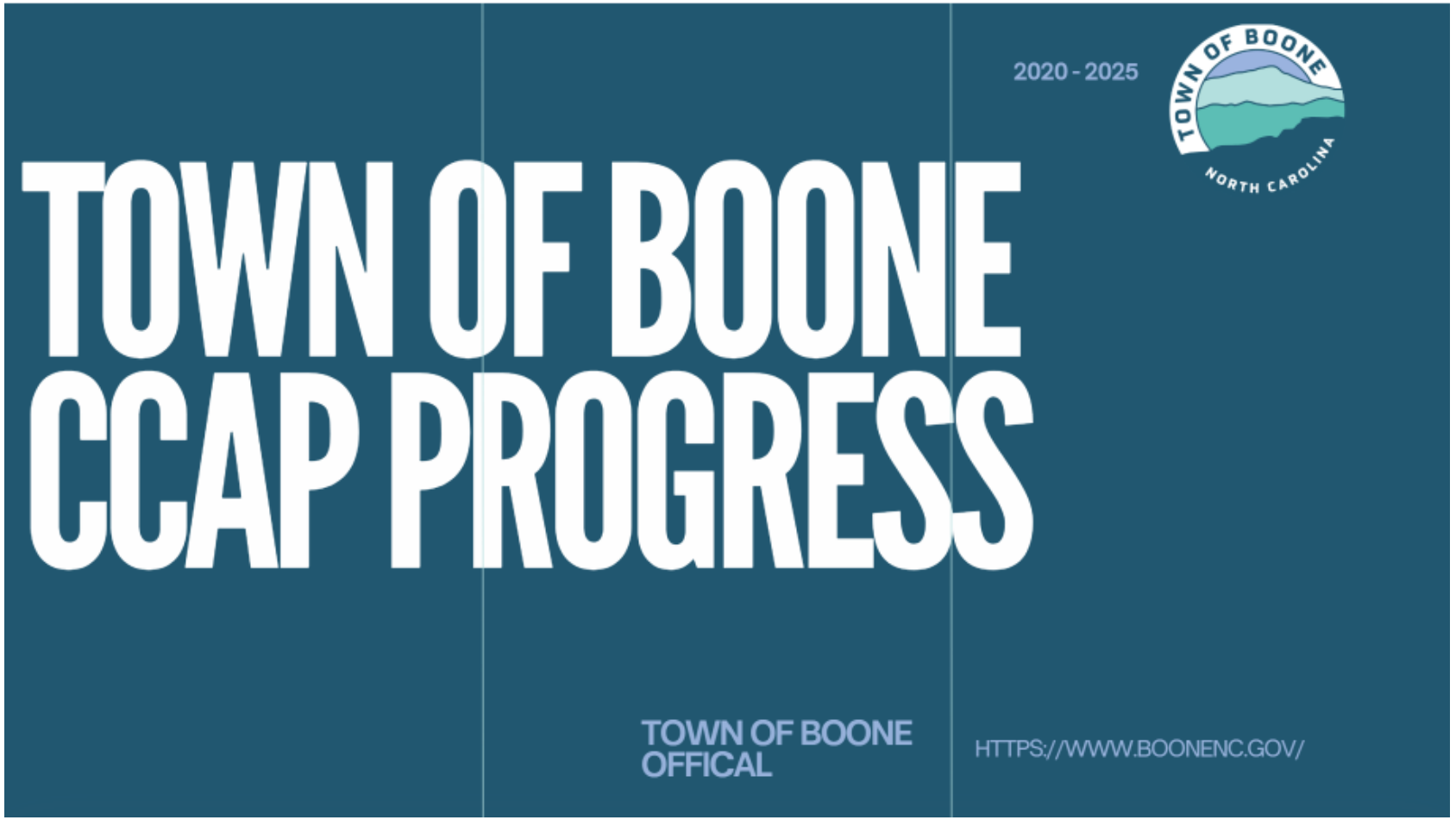
580 of the 750 trees were planted by 2025.

275 have been planted so far in 2026.

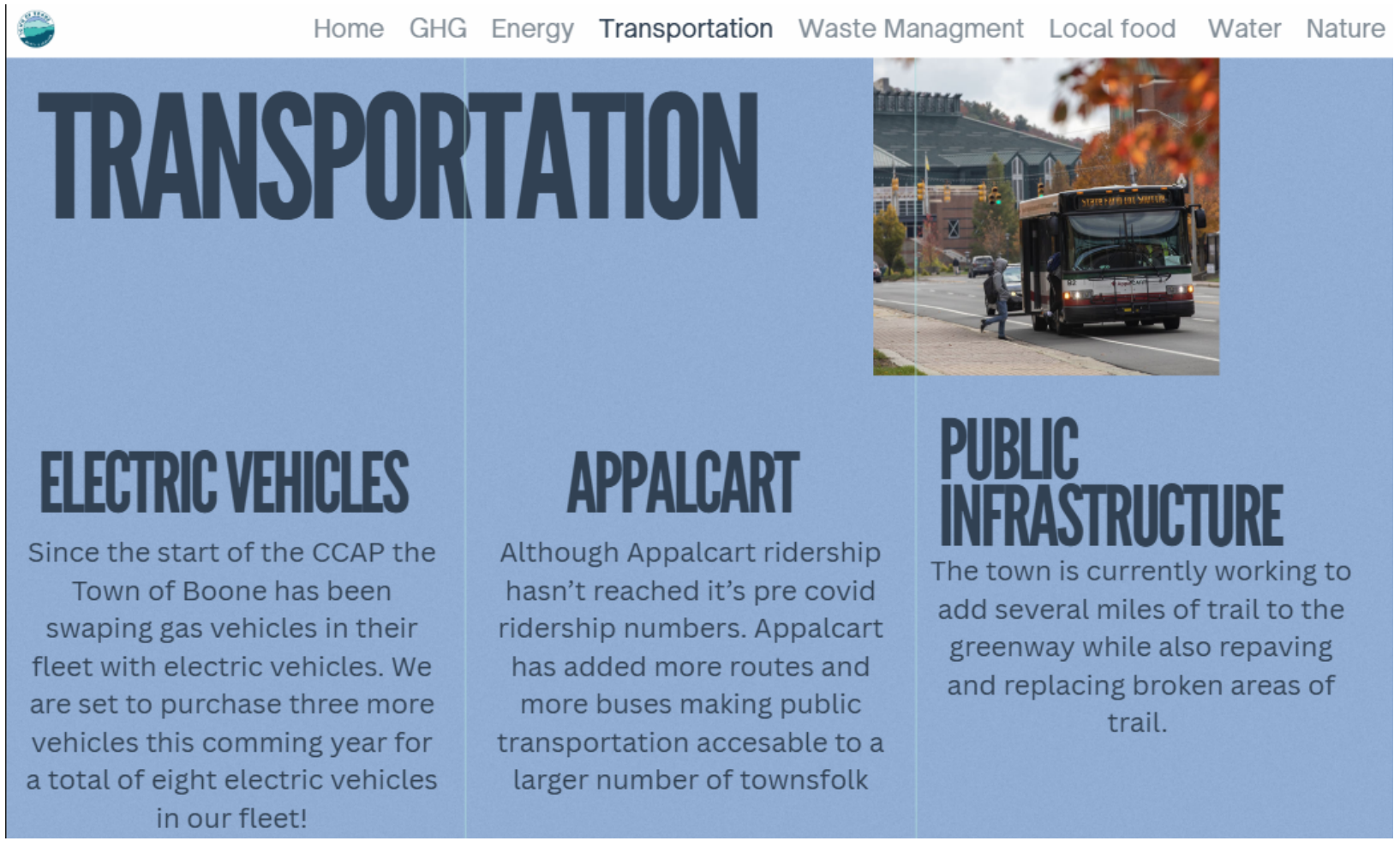
2030 goal has been reached!



Public Facing 5-year Update



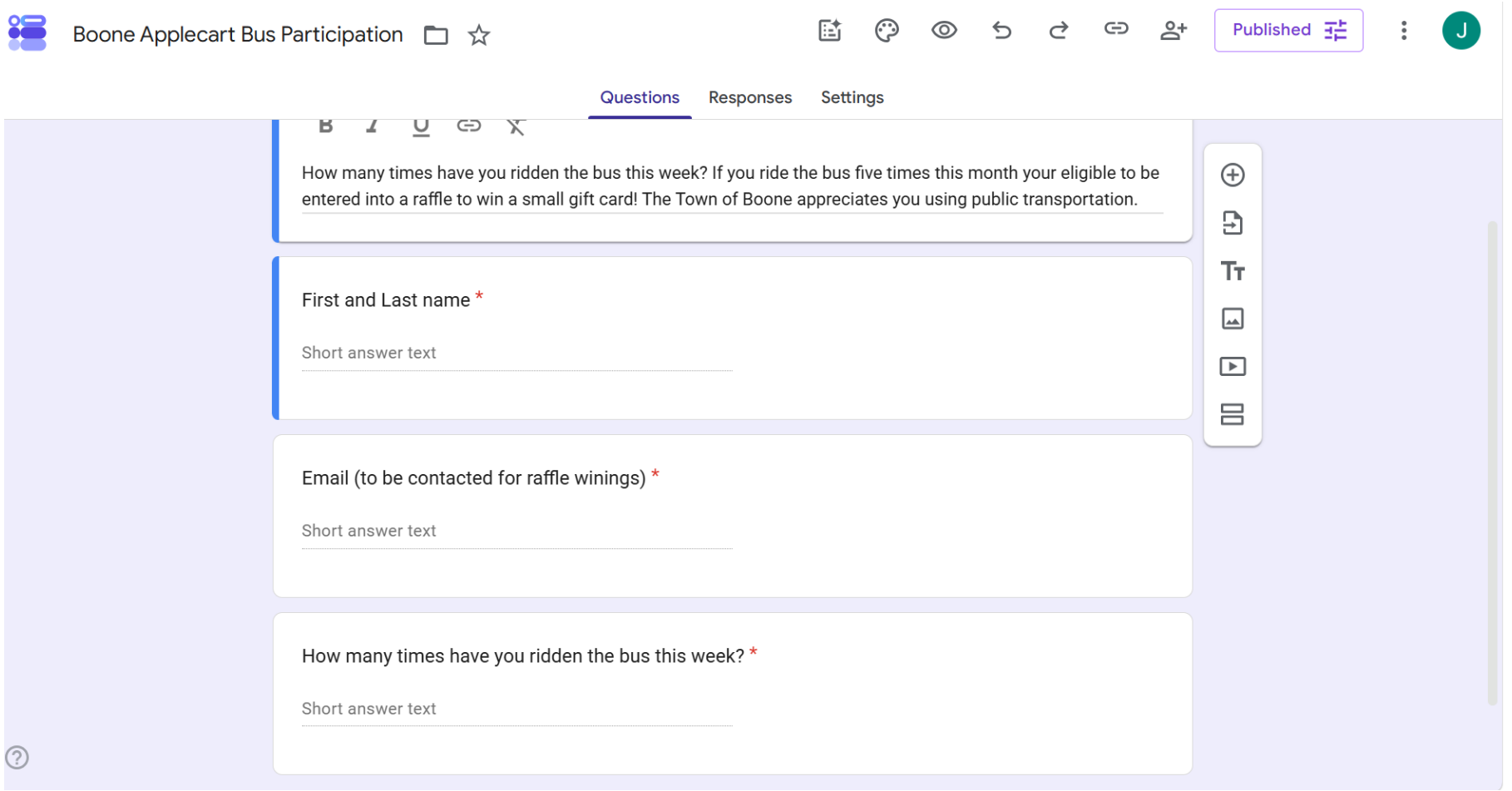
Sample Page from Public 5-year Update



BOONE SUSTAINABILITY

TOWN OF BOONE

Draft Public Survey



QR Code to the Public Survey




Questions?