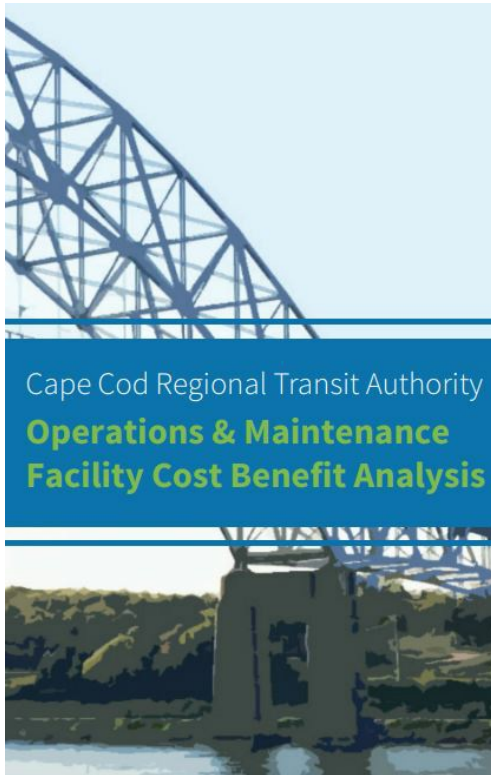


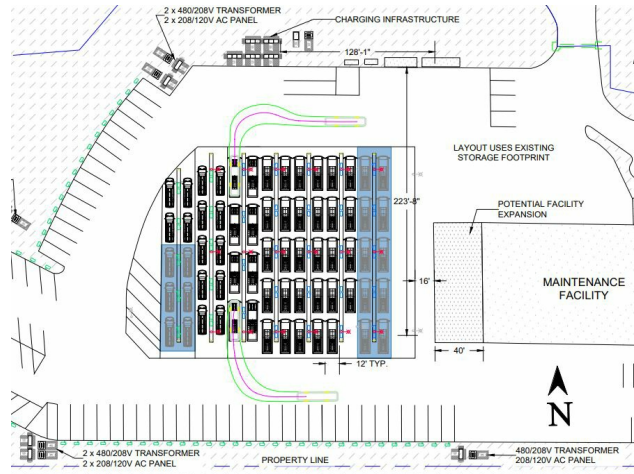


Cape Cod
Regional Transit Authority

Should We Retrofit the Operations Depot OR Start Fresh?



Cape Cod Regional Transit Authority
**Operations & Maintenance
Facility Cost Benefit Analysis**



**Optimized Fixed Route EV Parking Configuration
at Existing Depot**

Table 9 Multicriteria Decision Matrix

Considerations	
Cost	
Future Expansion (Space Constraints)	
Operational Efficiencies	
Electrification (Transition Phase)	
Safety	

Transitioning CCRTA's fleet from internal-combustion-engine vehicles to electric vehicles impacts much more than just the actual fleet itself. Arguably the biggest category to consider after the vehicles is the charging infrastructure. When approaching our ZEV Study and Transition Plan, CCRTA recognizes that all the necessary charging infrastructure and maintenance needs will occupy more space than our existing fueling footprint.

In order to inform CCRTA with data and start our analysis of how to approach our Operations Depot, Hatch recently completed another deliverable: the "**Operations & Maintenance Facility Cost Benefit Analysis**".

This report dives into three possible approaches for CCRTA's Operations Depot:

1. Construct a new facility designed for a zero-emission fleet at a new location.
2. Upgrade the existing Depot to meet future needs.
3. Upgrade the existing Depot + acquire nearby parcels of land to increase the Depot's footprint.

There may be additional options, but Hatch decided to focus on these three possibilities. For each option, Hatch provided anecdotal analysis for operational considerations such as space constraints, safety, and more, as well as cost estimates for each option.

Rather than providing a finalized answer, CCRTA views this analysis as a strong foundation to kick-start

Check out the deliverable at the link below!

Operations & Maintenance Facility Cost Benefit Analysis

CCRTA Attends Steamship's EV Ribbon Cutting



Earlier this month, CCRTA attended the Steamship Authority's celebration and formal ribbon cutting for the commencement of their electric bus service. We are pleased to celebrate SSA in this exciting EV milestone.

[SSA's Website Announcement](#)



AltWheels Fleet Day

Monday, October 2, 2023

8:00am - 4:30pm

Four Points By Sheraton

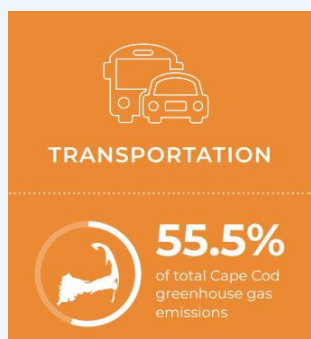
Norwood, MA

Managing the Energy Transition

Alternative Fuel Conference Coming Up

CCRTA recently learned of the [AltWheels](#) Conference. It's an event for both public and private, that highlights alternative fuel sources in transportation. It also shares information on statewide transportation initiatives.

CCRTA is planning to attend and is passing along the event registration information in case it is valuable to you!



Links to Prior Resources

Have you missed prior newsletters?
Looking for more ZEV?
Curious about the Study?

Find all of this and more at CCRTA's website:

[ZEV Content](#)



Next Issue

Hatch is soon to deliver the next deliverable, tackling their recommendations for on-route charging locations and capabilities across Cape Cod. Look out for this report in the next issue!

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