

August 2024

## RTD FACILITIES AND FLEET TRANSITION PLAN (FFTP) UPDATE

The project team continues to make progress on RTD's Facilities and Fleet Transition Plan. At the end of June, the project team finalized each Phase 1 screening report. These screening reports helped RTD understand how transitioning to different fleet technologies would impact various aspects of RTD's operations. The following six screening reports were completed as part of Phase 1:

- Fleet Assessment
- Facilities Assessment
- Workforce and Training Assessment
- Costs and Funding Assessment
- Facility Siting Assessment
- Emissions Assessment

In late June, a workshop was held with RTD staff to gather input on each fuel technology, and to determine the best path forward for the agency. The workshop was attended by over 30 RTD staff members, and the consultant project team was on-site to help answer questions about each fuel technology. There are strengths and weaknesses of each fuel technology assessed as part of the FFTP, and RTD staff discussed the advantages and disadvantages of each technology. Informed by the analysis completed in Phase 1 of the FFTP, RTD staff determined a two-phased approach was necessary to both ensure the agency is able to continue to provide reliable service, while also advancing environmental goals. This two-phased approach outlines shorter-term recommendations, such as incorporating more diesel hybrid vehicles and battery electric vehicles into the fleet as service allows, and longer-term recommendations, such as introducing additional battery electric and/or fuel cell electric buses into the fleet as the technology matures. Transitioning RTD's vehicles to alternative technologies will have a significant impact on RTD's fleet, facilities, budget, and workforce.

In Phase 2 of the FFTP, which began in July, the project team will assess exactly how RTD can transition to the new fuel technologies. The following will be developed as part of Phase 2:

- A Fleet Procurement Plan, which will show how buses utilizing new fuel technologies will be incorporated into the agency's normal replacement schedule
- A Facilities Plan, which will show the improvements needed at RTD's operating facilities to support the new fleet technology, and a construction schedule showing the sequencing of the improvements
- A Workforce and Training Plan, that will outline how RTD's workforce will be impacted and will identify the new training that various roles will need to receive
- A Lifecycle Costs and Funding Plan, which will estimate the total cost of the transition on the agency

Each of these plans will be incorporated into two final project deliverables – a Facilities Transition Blueprint and an FTA-compliant fleet transition plan.

**The project team is on track to complete the Facilities and Fleet Transition Plan by December 13, 2024.**